



# Ahmed Abdelaziz

IT manager, Business analyst, Scrum master

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I worked in the field of Information technology solutions for small and medium businesses as well as customer management systems and production lines, taking advantage of studying BA and MA and Ph.D. in Information Systems from the Faculty of Computing and Information Mansoura University. Currently working in one of the biggest technology companies as a systems analyst and Scrum master, and as a researcher in Software development solutions for companies. Ahmed loves application programming and research in IOT General and his valuable contributions in support of the technical community. Ahmad prefers specialized programs following techniques: using .NET, JavaScript, and programmable Arduino - Raspberry pi builds intelligent systems using sensors and systems. Information Systems Researcher With different creative ideas for new business aspects. I have a large experience in the technical field and How can innovate a new idea for a better business. I am a good thinker for problems solving. I have a large experience in leading a team for the vision of the business to achieve the goals. I am Interested in: Internet of Things Information Technology Web Technologies Networks Distributed and Integrated Information Systems Software Agents and Web services Network Security Biotechnology Technology challenges Big Data Business Intelligence Robotics AVL fleets.

Development: C#, ASP.NET, ASP.NET MVC, PHP, SharePoint

CMS (Drupal, WordPress, Joomla)

Client-side: JavaScript, AngularJS, JQuery

Service-side: WCF REST or SOAP, ASP.NET Web API Data access: Entity Framework, LINQ2SQL, ADO.NET

Database scripts: T-SQL, PL/SQL,

Relational database: MS SQL Server, Oracle, MYSQL, Access Mobile:

knowledge in PhoneJquerymobile & Xamirin

NoSQL database: MongoDB

IOT, Robotics, Arduino, Raspberry

Analysis using UML- UX, use diagrams, Microsoft BI, Reports with SAP, Telerik

OS: Windows- Linux

Management skills:

- The ability to use a number of project management tools such as CPM, GANTT charts, and PERT diagrams

Soft skills:

- Team player
- Team leading and management
- very good presenter
- Communication skills
- Time Management
- Budget management
- Creativity and smart thinking
- Self-confidence
- Resource Management
- excellent written and oral communication skills
- C excellent negotiation skills
- financial management skills
- team management skills
- client and customer liaison skills
- reporting and presentation skills
- problem identification and solving skills
- planning skills

## EXPERIENCE

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### innoscripta GmbH

October 2016 - March 2017 (6 months)

#### IT scrum master

Requirement analysis Database Development and Web Development (PHP, HTML5, CSS, JQuery, JavaScript, Angular JS, Latex, Bootstrap)

<http://www.innoscripta.com/>

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### Starware

April 2016 - November 2016 (8 months)

#### IT coordinator, Scrum master and analyst

clarification & specification of requirements & the lifecycle maintenance interact with clients, sales, product management and the software development teams. Meetings with clients to understand the business needs and reflecting on functional gaps and new requirements of the product suite. requirements engineering UML, User Story, Use Case, Acceptance Criteria Experience with agile process models such as Scrum. Task system management Responsible for follow the overall process of Technical department :- Suggest new Ideas. - System analysis -Making tasks for the team members. -Information system/computer science (OS, DBMS, WEB, software languages) -Technical supporting -Sensors Readings, Controlling and Development. -Artificial Intelligence - Operating administration (Linux, Windows) -Database administration (Oracle, ,SQL Server, MySQL). -Business Intelligence(BI) - functional understanding of some of the main telecommunication operations function -(Service Fulfillment, Service Assurance, Customer Relation Management CRM, Reporting, Billing) -Coordinate data across teams to create coherent products and communication with clients. -Manage project schedules, including testing and delivery to customers. -Research, document, and act as subject matter expert on specified applications. -Participate in design and improvement processes. -Internet of things(IOT) Development.

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### Way2Tech

May 2013 - March 2016 (2 years 11 months)

#### Software engineer, scrum master and System Analys

Software development System Analysis

Job responsibilities:

Development of new modules of Human Recourse Information System (HRIS) Development of corporate billing system SQL Server Reporting Services (SSRS) reports development Technical documentation preparation Communicating with testing team, business analysts and project managers

Tools and technologies:

C#, ASP.NET, ASP.NET MVC, WCF, Windows forms(GUI), PHP JavaScript, JQuery, T-SQL, Ado.net, entity framework, Linq2SQL MS SQL Agent, SQL Server Reporting Services (SSRS) VSS

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### Information Technology Institute (ITI)

October 2014 - June 2015 (9 months)

#### Software developer and scrum master

System developer and analyst

- System analysis
  - Database Development
  - Development of new modules of different applications
  - Communicating with testers team, business analysts and project managers
  - Communicating with clients to understand their needs
  - Technical expertise of customer requirements Mentoring junior developers and code review
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### Hady group

July 2009 - May 2013 (3 years 11 months)

#### IT specialist

Network and computers, mobile devices, Laptops.

- Windows and network administration-Customization of corporate websites
- IT infrastructure supporting (XP, win 7, Win8, Windows Server 2008, IIS 7, Microsoft SQL Server 2008) Communicating with testing team and business analysts

- Most used Technologies and tools:
- CCNA, A+, N+
- Database Administration, Windows administration
- IT budget
- IT Management
- Website Development

## EDUCATION

### Faculty of computers and Information, Mansoura University

2016 - 2018

Doctor of Philosophy (Ph.D.), Information systems,

Part time

Activities and Societies: Research

### Mansoura University

2012 - 2016

Master's Degree, Information Systems,

Activities and Societies: Conferences attending

### Mansoura University

2008 - 2012

Bachelor's Degree, Computer and Information Systems,

Grade: good Activities and Societies: swimming, football Interests Reading human behavior and technology Bioinformatics Technology challenges Artificial Intelligence physics Biology psychology philosophy Space science new technologies Learning Travelling Helping people

## SKILLS & EXPERTISE

HTML, JavaScript, CSS, SQL, C#, PHP, XML, MySQL, OOP, Microsoft SQL Server, jQuery, Web Development, ASP.NET, Web Services, Networking, Project Management, Linux, CCNA, Network Security, ASP.NET MVC, Systems Analysis, LINQ, HTML 5, Team Management, Robotics, SharePoint, Embedded Systems, Marketing, Management, Network Administration, ITIL, Drupal, WordPress, Joomla, Arduino, Mobile Robotics, Problem Solving, WPF, Phone Gap, jQuery Mobile, Oracle SQL Developer, Entity Framework, Internet of Things, Biomedical Engineering, Microsoft Dynamics, Software System Analysis, PowerBuilder, Software Testing, Business Intelligence, Entrepreneurship

## PROJECTS

### Hospital Booking system

January 2013 to May 2013

Software developer and Scrum master  
(C# and SQL server)

### Library system

April 2015 to Present

Members: Ahmed Abdelaziz  
Library system using ASP and Entity framework

### LifeTech

April 2015 to Present

Members: Ahmed Abdelaziz  
2- send for our donators in near places notifications across mail or mobile number 3-Category in which, you can enter the medicine name and know its alternative and the effective chemical 4-Infographic medical advices. video, and replying for their messages. previous diagnoses and other things so that doctors see them and reply for them search about consultant with consultant id 18- Doctor can see user and define user's disease according patient number in our site. 19-Radio and Tv for medical advices and announcements. 20-Mobile app for our site 22-User Experience

### Resturant management system

January 2016 to April 2016

Scrum master and Team leader  
(C# and SQL server)

### Designed an autonomous low cost mobile robot to search for

August 2015 to Present

## landmines

Members:Ahmed Abdelaziz

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### Fleet tracking and management

April 2016 to Oct 2016

<http://www.trackmonitor.net/>

Role: Scrum master- Project Coordinator

UML, PERT, Data flow diagrams, ERD, Flow charts, GRANT, c#, WCF-rest, entity-framework, g, asp.net-web-api, LINQ-to-SQL

Development of Tracking systems for fleet systems in Germany, Qatar, Egypt army, Saudi Arabia

Business analyst and adding new features – new requirements analysis

Scrum master

back office systems for accounting and marketing departments

Taking design and architectural decisions, refactoring and code review

Working in Agile way with product owner, project managers, developers and testers Deliver testable and supportable code

Development of Payment Gateway service

SQL server Development and Administration

Entity Framework, UX, UML, use cases, Manage task systems

ASP. MVC.net

C#, WCF REST , Javascript, CSS, HTML5

XPath, XML, WPF

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### Sales managementsystem

September 2016 to Present

We developed an application for sales system for Cars sales company

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### Big data analysis of Internet of Things

June 2016 to Present

Using Cooja simulations & IOT& Big data & sensors & wearable devices

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### Research in Controlling IOT devices by voice recognition

November 2016 to February 2017

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### Consultation web application

Oct 2016-March 2017

<http://www.innoscripta.com/>

Web development and analysis

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### Artist Web site

Apr 2011-Dec 2011

<http://www.visionofarts.com/>

Software developer, scrum master, and business analyst

(PHP,WordPress- CSS-HTML)

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### News website

Jan 2016-Mar 2016

<http://www.almasrytoday.com/>

IT consultant and scrum master

(PHP,WordPress-HTML-CSS)

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### E learning web based system

Dec 2014- Jan 2015

Software developer

ASP.net, C#, SQL server, CSS, HTML, Java script

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### Database system editor

Oct 2014- Nov 2014

Software developer -scrum master  
using (C)

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## Employees Attendance system

Jan 2015- Feb 2015

Scrum master- Developer  
(HTML, Java script, JQuery, Ajax)

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## HR system

Mar 2015- Apr 2015

Team leader  
Sharepoint2013

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## Tracking system with life video from vehicle

Oct 2016- Mar 2017

IT consultantparttime

c#, WCF-rest, entity-framework, git, asp.net-web-api, LINQ-to-SQL

Job responsibilities:

Development of Tracking systems for fleet systems in Saudi Arabia

Business analyst and adding new features – new requirements analysis

Scrum master

back office systems for accounting and marketing departments

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## Industrial Robotwith arm

Mar 2017- Present

IT consultant(Part-time)

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## VOLUNTEER EXPERIENCE

### Helping people using technology

January 2009 - Present

Technology publishing The dissemination of science and knowledge Educate citizens

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## Aldarine

Jan 2016- present

Information technology

Nw technologies

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## LANGUAGES

**Arabic (Native),German(Limited working proficiency),English(Full professional proficiency)**

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## PUBLICATIONS

### Landmines Detection Using Autonomous Robots: A Survey

August 2014

International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)

There are many countries affected by landmines which present a major threat to lives and cause economic problems.

Landmines are harmful because

of their unknown positions

and often difficult to detect. The development of new demining technologies is difficult because of the tremendous diversity of

terrains and environmental conditions in which mines are laid

and also because of the wide variety

of landmines. Currently,

detecting and clearing mines demand specific expertise with special equipment. This paper presents different techniques used for landmines detection. It discusses the strategies that can enable the robot to detect mines by means of sensors. This paper deals also with the processing of the fused information from different sensors to guide soldiers when passing landmines.

The purpose is to give an overview of the landmines detection techniques by using the autonomous robots which are capable of exploring and detecting buried landmines and marking their locations.

Landmines Detection Using Autonomous Robots: A Survey. Available from:

[https://www.researchgate.net/publication/281462633\\_Landmines\\_Detection\\_Using\\_Autonomous\\_Robots\\_A\\_Survey](https://www.researchgate.net/publication/281462633_Landmines_Detection_Using_Autonomous_Robots_A_Survey) [accessed Mar 13, 2017].

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## Landmines Detection Using Low-Cost Multisensory Mobile Robot

November 2015

### Journal of Convergence Information Technology (JCIT)

Landmines are dangerous military equipments that threaten people's lives and cause economic problems. They are harmful because of their unknown locations and difficulty to detect. Detecting and clearing mines demand special expertise. In this paper, we present a low-cost system for landmines detection. We describe the strategy that can help to detect mines using a multisensor robot and path planning algorithm for searching mines. We present how the robot can get information from different sensors to guide soldiers to detect landmines. The purpose is to give an efficient solution of the landmines problem by using a tele mobile robot that is capable of exploring and destroying buried landmines. The proposed robot is using sensor fusion technique to increase the probability of mine detection. We developed decision level fusion to decrease false alarms.

58 Landmines Detection Using Low-Cost Multisensory Mobile Robot. Available from:

[https://www.researchgate.net/publication/297739157\\_58\\_Landmines\\_Detection\\_Using\\_Low-Cost\\_Multisensory\\_Mobile\\_Robot](https://www.researchgate.net/publication/297739157_58_Landmines_Detection_Using_Low-Cost_Multisensory_Mobile_Robot) [accessed Mar 13, 2017].

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## CERTIFICATIONS

### Project management

Mar 2017

### Alison - Free Online Learning

<https://alison.com/profile/3542088/?preview=1>

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## TOEFL ITP

Sep 2015

### TOEFL ITP 0201207571

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## RECOMMENDATIONS

### Mohamed Elmogy

Feb 2017

#### Professor

I supervised Ahmed Ismail for his master degree study. He was unquestionably one of the best students in research.

Mohamed Elmogy, Assoc. Prof.

Department of Information Technology

Faculty of Computers and Information

Mansoura University

Mail: melmogy@mans.edu.eg, elmogy@gmail.com

Phone:00201098889791

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## Mohamed Hassan

Mar 2017

### Sales manger at starware

I worked with Ahmed on different projects. Ahmed was one of the best employees in our company. He is creative, leader and has the ability to develop the projects and lead them to great success.

Tel:+201110572224

m.hassan@starware.com

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## Abdelaziz Shahab

Mar 2017

### Supervisor

I have had the pleasure of knowing Ahmed Ismail for the last four years. He has been a tremendous researcher and an asset to our faculty. It is for these reasons that I offer high recommendations for Ahmed without reservation. His drive and abilities will truly be an asset to your establishment. If you have any questions regarding this recommendation, please do not hesitate to contact me.

Sincerely,

Abdelaziz Shahab, PhD,  
Department of Information systems,  
Faculty of Computers and Information,  
Mansoura University.

Mail: shehab\_083@yahoo.com

Phone: 00201009327278

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## Hazem Elbakry

Dec 2016

### Supervisor in Master

. I have worked with Ahmed on Master program for the last three years. Ahmed has the capability to manage his time, working group situations under strict deadlines, and to recognize the importance of a strong work ethic, persistence, and intellectual integrity.

Hazem Elbakry, Professor.  
Dean of Information System Department,  
Faculty of Computers and Information,  
Mansoura University, Egypt.

Email: helbakry5@yahoo.com

Phone: 00201009784414

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## Ahmed Abuelfotoh

Dec 2016

### The face head of Graduates and Research affairs department

I am writing this letter to give my highest possible recommendation for Mr. Ahmed Ismail Abdelaziz Metwaly. I have had an opportunity to observe his participation and interaction in class and to evaluate his knowledge of the subject matter. He is an outstanding student in all respects. I believe he has a good background in Robotics in addition to very good programming skills and experience in using developing software tools. Mr. Ahmed has consistently shown such a strong desire to learn new technologies that I simply could not turn down his request for recommendation.

Ahmed is a hard-worker student. He is so interested to attend and participate in all scientific departmental events and seminars. He is also interested in discussing and learning every new topic in his field 'Robotics'. He has very friendly relations with his colleagues and He is always willing to present help when needed.

Ahmed Abuelfotoh, Professor.

The face head of Graduates and Research affairs department

Faculty of Computers and Information,  
Mansoura University, Egypt.  
e-mail: elfetouh@gmail.com  
Tel:00201114280044

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## Mohamed Eldosuky

Dec 2016

### Lecturer

I have known him as my student for 8 years and it was a great pleasure teaching him. I can assure you that he will prove to be an asset to your institution if given a chance.

Ahmed has always been an ideal student. He is very obedient and has been consistent in his studies and scored very well in all his examinations. Not only has he been an outstanding speaker but has shown interest in various co-curricular activities as well he was always an active participant in various programs organized at our faculty. He has won certificates and medals in many events.

A good student is one who doesn't only represent him/her at faculty level but that who actively takes part in various inter-faculty and inter-state competitions. Ahmed has taken part in various state-level and national-level competitions and shown great performance in all.

Mohamed Eldosuky, PHD.

Department of Computer science

Faculty of Computers and Information

Mansoura University

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Website: <http://m.el-dosuky.com/>

Phone: +201009752991

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## Mohamed Abdel hay

Jan 2017

### IT team leader

Ahmed Abdelaziz has been an employee here at Starware. He has been a pleasure to work with, bringing his attention to detail to every project. Her communication and people skills are excellent, and he has some very innovative ideas.

I can highly recommend him for the opportunity that you have available. It is a very similar position to the one he has here, and he is well suited to the challenges it provides. Ahmed is a talented young man, and everyone here wishes him all the best with his move to Every City. If you need any additional information, please contact me.

Best Regards,

Mohamed Abdel hay

<http://m-abdelhay.com/>

Tel: +201008983687

Email: mohammed.m.abdelhay@gmail.com

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## Shawkt Kamal Gerges

Jan 2017

**The head of Information Technology Department, Graduate studies and research institute, Alexandria University, Egypt.**

Prof. Dr. Shawkt Kamal Gerges, The head of Information Technology Department, Graduate studies and research institute, Alexandria University, Egypt.

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