



YASSIN GUIRAT

SENIOR R&D ENGINEER 📍 SFAX, TUNISIA 📞 +21624232224

◦ DETAILS ◦

Sfax
Tunisia
+21624232224

yassin.guirat@znetit.com

◦ LINKS ◦

[LinkedIn](#)

◦ SKILLS ◦

Mobile developer

Project Management

Linux

Git

Android

SQL

MongoDB

◦ LANGUAGES ◦

Arabic

French

English

◦ HOBBIES ◦

Sport
music



PROFILE

A senior R&D engineer, with solid experience in the design and development of Web and mobile applications, capable of ensuring the specification and technical study of information systems as well as managing the development team.



EMPLOYMENT HISTORY

Co-Founder & Lead Developer at ZNet-IT, Sfax, Tunisia

March 2021 — Present

- Ensure the design and development **MedCityHub**. Is a cloud-based platform that allows patients and doctors to provide tele-medicine, manage appointments and follow the patient in real time.
- Ensure the design and development of a **EliteSport** application : is a platform that help coach analyzing the players using AI for camera framing.
- Participating in the design and development of **SingForMe** : a music application to discover beautiful voices. Indeed, it is an innovative web and mobile application that allows young singers to auto-tune their voices.
- The design and development of a web and mobile **video surveillance** application based on facial recognition.

Language: Dart, JavaScript, TypeScript, HTML, CSS, SCSS.

Tools: Visual Studio Code, Git, Jira, Slack

Daily skills: Token, API Middleware, OAuth1/OAuth2, GetX, Sate Management, MapBox, Tegara, FFmpeg, FaceAPI JS, Socket.io. MongoDB, Docker,

Work methodologies: Scrum

Frameworks: Flutter, ReactJS(TS), NodeJS (TS), NestJS

Mobile Developer at Novel-Ti, Sfax, Tunisia

March 2018 — December 2020

- Ensuring the development, testing and maintenance of the QoS Suite application: is an automated solution that performs quality of service (QoS) measurements from the end user perspective.

(<https://www.qos-suite.com/>)

- Ensure the development, testing and maintenance of the Qoslot application: This is an automated solution that performs quality of service (QoS) measurements on Internet of Things (IoT) networks. This solution supports most popular networks for the Internet of Things, including SigFox and LoRa.

(<https://www.qos-iot.com/>)

Language: Java

Tools: Android Studio, Git, JIRA

Daily skills: Socket, UART, Streaming, Youtube API, checksum, MD5, SHA256, AES, DES

Work methodologies: Scrum

Software Engineer at HMS, Sfax, Tunisia

August 2015 — February 2018

- Ensure the design and development of new modules.
- Ensured the testing and maintenance of the STEROS application: Sterilization process traceability system.

- Ensure the drafting of the technical specification according to the clients.
- Ensure the start-up and closure of the project through meetings with the managers of the clinic.
- Provide training and production implementation of the system.

Languages: JavaScript, Ajax, C # Winforms, ASP.NET MVC, CSS 3, LINQ.

Tools: Visual Studio, SQLServer, IIS, SVN, Redmine

Work methodologies: Scrum

Frameworks: DevExpress, CrystalReport, Entity Framework 5.0, KENDO UI, WEBAPI, WCF, Chrome Extension, Multithreading, Windows Service

Software Engineer at NEXT-IT, Sfax, Tunisia

September 2014 — March 2015

- Design and development of modules in ASP.NET MVC

Languages: JavaScript, Ajax, C #, ASP.NET MVC, CSS3.

Tools: Visual Studio 2013, SQLServer 2008, IIS.

Work methodologies: Agile.

Frameworks: DevExpress, CrystalReport

Software Engineer at CIP, Sfax, Tunisia

September 2013 — August 2014

- Design and development of an accounting web application in J2EE.
- Design and preparation of PFE subjects for engineering cycle.
- Ensure the follow-up and supervision of trainees.
- Apply the agile SCRUM and XP methodologies in the team.

Languages: JavaScript, Ajax, JAVA, CSS3.

Tools: NetBeans, StarUML, SQLServer2008, ApacheTomcat.

Methodology of work: SCRUM and XP

Frameworks: Hibernate 3.6.10, Spring 3.1.1, JSF 2.1, Primefaces 3.5, JasperReports 5.5.1

Network & IT maintenance administrator at ATNETMEDIA, Sfax, Tunisia

January 2011 — February 2012

- Installation and configuration of Linux / Windows servers.
- Installation and configuration of the Zentyal solution: an open source unified network server.
- Installation and configuration of the Proxmox solution: virtual machine hypervisor.
- Maintenance of computer equipment.

EDUCATION

Engineer's degree, Private polytechnic institute of advanced sciences of Sfax (IPSAS), Manouba, Tunisia

2011 — 2013

Master's degree, Faculty of Science, Sfax, Tunisia

2008 — 2010

Undergraduate diploma in mathematics-computer science, Faculty of Science, Sfax, Tunisia

2007 — 2008

Baccalaureate, Mohamed Ali School, Sfax, Tunisia

2003 — 2004