Shalabh Aggarwal

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OBJECTIVE

To develop the best in me to deliver my best to my organization and lead from the front.

EDUCATION

Year	Degree/Examination	Institute	Percentage
2016	Executive Part Time Course for Masters in Technology Management	Indian Institute of Technology, Delhi	--
2010	B.Tech Information Technology	IMS Engineering College, Ghaziabad	74.46%
2006	A.I.S.S.C.E. / Class XII	Delhi Public School, Ghaziabad	87.20%
2004	I.C.S.E. / Class X	St. Mary's Convent School, Ghaziabad	87.80%

EXPERIENCE

- **Working** as **Specialist, Tools Development** at **Google India Pvt. Ltd.** since **November 2013.** (This is an onsite client role with GlobalLogic India Pvt. Ltd.).

- **Chief Technology Officer[CTO]** at **Openlabs Technologies and Consulting (P) Limited** from **January 2011** to **November 2013.**

- **System Engineer (Trainee)** at **Infosys Technologies Limited from November 2010 to January 2011.**

- **Team Lead and Technical Developer** at **Openlabs Technologies and Consulting (P) Limited from July 2010 to October 2010.**

- Worked **Part-time** as **Technical Trainee** with **Openlabs Technologies and Consulting (P) Ltd. from February 2010 to June 2010**.

- Worked **Part-time** as **Technical Trainee** with **Fortune Global India from July 2009 to January 2010**.

PUBLICATIONS

Flask Framework Cookbook – A book written for Flask, a Python based web framework. This book follows a cookbook approach and contains a number of recipes with a lot of practical examples with clear explanations and step by step approach to building small-to-large scalable applications in Flask. The book was published in November 2014.
Ref: http://www.packtpub.com/flask-framework-cookbook/book

JOB RESPONSIBILITIES / ROLES

Google – As a Specialist in Tools Development at Google, I am responsible for development and maintenance of multiple internal Google tools which help several teams across Google to function and perform their jobs effectively.

Openlabs - As the CTO of a startup, I had to wear a lot of hats which include from being a strategist to a hardcore developer to a chauffeur.

I have worked mainly with the technical team to plan, develop and deliver company's internal and customer projects. Overseeing the development of research projects was one of my major roles.
Development of complex integrations between various systems is something that I had to deal with on daily basis.

I am one of the major contributors of Nereid, a web framework built over Flask with Tryton as a backend, a popular and stable open source application framework used basically for business automation solutions.

ON THE JOB PROJECTS (Not an exhaustive list)

Google
- **gBenchmarks** – It is the revamped version of MIS and is a unified benchmarking platform that allows benchmarking of varied metrics over multiple breakdowns for Google ad products.
  - Role: Individual contributor and Reviewer
  - Tools: Python, AngularJS 1.3, Angular Material, Google closure library, etc.
- **MIS (Marketplace Intelligence System)** – MIS is an integrated benchmarking tool for all cross-media products with global coverage.
  - Role: Individual Contributor
  - Tools: Python, AngularJS 1.2, Underscore.js, Google closure library, etc.

Openlabs
- **Nereid** – Nereid is a web framework built over Flask, with Tryton as a backend. It is an open source product.
  - Role: Conceptualization, design, development, deployment, dealing with community.
  - Technologies: Python, Javascript, ERP, PostgreSQL, Tryton, etc
  - Link: https://github.com/openlabs/nereid
- **Simpuite/Fulfil.IO** - A cloud-based business suite for small and medium businesses.
  - Role: Key part of product conceptualization, planning, design, development of building blocks of the resulting product.
  - Technologies: Nereid, Celery, APIs for multiple payment and shipment gateways, Javascript, etc.
  - Link: http://www.simpuite.com/ , https://www.fulfil.io/
- **Magento-ERP Connector (Tryton/OpenERP)** – A bridge between Magento and ERP system (OpenERP/Tryton).
  - Role: Design, development, managing the complete cycle to ensure proper launch on time.
  - Technologies: OpenERP/Tryton, Python, XML, PHP, etc.

- Links:https://github.com/openlabs/magento_integration,
  https://github.com/openlabs/trytond-magento
- **Midwestsupplies/Northern Brewer** – End to end ERP implementation for the second largest beer and winemaking online retailer in US.
  - Role: Design, development, deployment, working with client to understand real life issues and handle them to improve overall productivity.
  - Technologies: OpenERP, Python, XML, integration with multiple shipment services.
- **GradUit Network** – Development of membership web portal (like a social network) with the help of Nereid and Tryton.
  - Role: Design, development, implementation.
  - Technologies: Nereid, Tryton, Python, Javascript, celery, redis, etc.
- **bSure** – ERP implementation and migration of ERP system from OpenERP to Tryton and development of a web portal using Nereid.
  - Role: Design, development, migration, implementation.
  - Technologies: Nereid, OpenERP, Tryton, Python, XML, Javascript, etc.

TECHNICAL SKILLS

- **OS familiarity:**
  - **Windows –** XP and later.
  - **LINUX –** Ubuntu (Desktop and Server Editions 8.04 and later) / Mint 14
  - **OS X –** Snow Leopard and later.

- **Computer Technologies known:**
  - **ERP Systems known**
    - **OpenERP (Python + XML Based) –** Above Average
    - **Tryton (Python + XML Based) –** Above Average
  - **Python –** Above average
  - **Web Frameworks known –** Werkzeug, Flask, Nereid, Tornado
  - **Major Third Party Libraries known –** pymongo, mongoengine, fabric, wtforms, celery (with RabbitMQ as Broker), boto, relatorio (library for creating reports), supervisor
  - Developed / Worked on APIs of multiple leading Payment Gateways and Shipping Merchants and their integration with ERP Systems. Eg: Paypal, Beanstream, MoIP, Globalcollect, FedEx, USPS, UPS etc
  - Experience of working on integration with leading e-Commerce systems and online marketplaces. Eg: Magento, Amazon MWS, eBay, Prestashop etc.
  - **Templating Languages**
    - **Mako, Jinja2 –** Both above average
  - **C / C++ / Java–** Basic knowledge
  - **Website Design and Development –** Twitter Bootstrap, Javascript, jQuery, AJAX, AngularJS, Google Closure, Underscore.js
  - **Version Control System –** Git, Mercurial, Bazaar
  - **Proactive Error Monitoring –** Sentry
  - **Continuous Integration –** Jenkins, Travis

- **Database Design and Management:** PostgresSQL, Oracle 9i and Oracle 10g, MS-Access, SQL, PL/SQL, MongoDB, Redis

- **Dealing with Cloud Infrastructure**: Rackspace, AWS (Amazon Web Services), Digital Ocean

KEY ACADEMIC PROJECTS

- Completed and implemented a customized ERP to suit the requirements of a Service Profile Company in Ghaziabad Industrial Area. All development and deployment done on LINUX Server platform.
- Successfully completed Store Management ERP for IMSEC in the OpenERP.
- Performed a mock implementation for a manufacturing unit. Also presented the same at the International Conference for Conventional Computing 2008 at JIIT, Noida.

EXTRA / CO CURRICULAR ACTIVITIES & ACHIEVEMENTS

- **Core Committee member** of the **OPEN SOURCE CLUB** at **IMSEC.**
- Presented and exhibited **a project cum research** on **OPEN SOURCE ERP Technologies** at the **International Conference for Conventional Computing 2008** at **JIIT, Noida** conducted jointly with *University of Florida, USA.*
- **All India National Talent Search Examination _finalist_ in 2004.**

LINGUISTIC PROFICIENCY

English and Hindi.

PERSONAL PROFILE

Date of birth	19th December, 1988
Sex	Male
Marital status	Single
Nationality	Indian
E-mail	shalabh7777@gmail.com
Contact Number	9990960159
Github	https://github.com/shalabhaggarwal
LinkedIn	http://www.linkedin.com/in/shalabhaggarwal
Website	http://www.shalabhaggarwal.com