

# RAKESH VENKATARAMA REDDY

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GitHub <https://github.com/rakesh2225/workspace>

## Summary

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- Software developer with 6.5 years of experience in mission-critical Business Support and Operational Support System (BSS/OSS) in renowned telecom companies and providing solutions and services for higher education institutions.
- Fanatical about design and development of high-performance, carrier-grade enterprise software.
- Expertise in software development and integration operations, release management, continuous integration pipelining and team building.

## Education

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**University of Dayton** – Dayton, Ohio, USA

**January 2020**

Masters in Computer Science – 3.8 GPA

**Sri Bagawan Mahaveer Jain College of Engineering** – Bangalore, India

**June 2011**

Bachelor of Engineering in Computer Science

## Technology

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**Technologies:** Grails, Groovy, Java, J2EE, JSP, Python, YAML, Ajax, REST, Webservices

**Frameworks:** Spring, Hibernate, MyBatis, Junit, Apache Tomcat, RabbitMQ, Weblogic 12c, JMS

**Databases:** MySQL, Oracle, MongoDB, Redis

**Systems:** Linux, Windows

**Version control:** SVN, Git

**Tools and Techniques:** Waterfall Approach, Agile Approach, Integrated Software development, Lean software development, SCRUM approach.

## Professional Work Experience

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**Specialist Software Developer**

**March 2017 – December 2017**

Ellucian

Bangalore, India

- **Banner Event Publisher** – Lead the team in design and development of event processing channel in JSON or XML format to the listeners whenever there is an update in the system for students, faculty and alumni database in an enterprise education platform for higher education institutions.
  - Groovy, Grails, REST, Oracle Database, Hibernate and Spring framework, RabbitMQ.

**Senior Software Developer**  
Huawei Technologies Pvt Ltd

**April 2014 – March 2017**  
Bangalore, India

- **Real-Time System Monitoring** – I was a SME (Subject Matter Expert) in this module which visualizes the performance of each virtual machine in the clustered environment. I gathered requirements from our client in China and lead the team of four in India remotely.
- **CloudSOP** – Involved in initial proposal, setup and new feature development of the module which provides Cluster management system to add, modify and delete nodes in the cluster. Manages master and slave nodes. Includes Single-sign on, task, user, cache and session management systems.
  - Java, J2EE, Python, Webservices, REST, YAML, MySQL, MyBatis ORM, Redis

**Software Developer**  
Zinnia Systems Pvt Ltd

**July 2011 – April 2014**  
Bangalore, India

- **Intelligent Order Capture** – I was the module owner and Single-Point-Of-Contact for clients to discuss features. I closely worked with clients in Netherlands for gathering requirements, analysis and implementation which supports order entry into the system including order activation, partial order, National and International Inbound and International Outbound service numbers, tracking and modify orders.
- **Dynamic Product Catalog** – Identified requirements and developed the catalog which includes features, services and offers specific for network service provider. It provides a hierarchical model of product creation to build products from services (e.g. GSM voice), features (e.g. call conferencing).
- **Data Stream Orchestrator** – I was the only person to develop, test and deploy Java swings application for lead customers like Flipkart and Genpact. It aggregates software components to collect, validate, transform, enrich, and store information from multiple sources in real-time. Through a designer-based UI framework
- **Inventory Management System** – I reframed this module completely from UI to database tables to make it more robust, accurate and customer specific.
  - Java, J2EE, Webservices, MySQL, Swings, Oracle, Hibernate, Spring

## International Activity

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- Project **AORTA** **Client: KPN, The Netherlands, 2012**  
Requirements gathering and analysis for DPC(Dynamic Product catalog) and IOC(Intelligent Order Capture) modules for 2 months.
- Project **CSOP** **Client: Huawei, China, 2016**  
Requirements gathering, analysis, high level design and implementation for CloudSOP and OSS 3.0 systems for 1 year.

## Achievements

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- Winner of “Ellucian Hackathon” event for developing “Find an Expert” web application using MEAN tech stack. held in Ellucian Pvt Ltd, Bangalore, India 2017.
- Thrive Award winner for exemplary technical skills shown in various projects in Ellucian Pvt Ltd, Bangalore, India. 2017.
- Best Developer Award winner in Huawei Technologies, Bangalore, India. 2016.
- Best Customer Support Award winner in Huawei Technologies, Bangalore, India. 2016.
- Best Android App winner in one-day workshop “Hackathon” at International Android Conference held at Bangalore, India. 2012.