

## SOFTWARE ENGINEER

### Summary

Talented and driven software engineer with expertise in object-oriented programming and active involvement in all stages of software development life cycle at Fortune 500 companies

### Experience

Software Engineer 07/2013 to Current Keybank National Association

- Currently working as a DevOps engineer in a web services team in an Agile software design lifecycle for various components of Cisco Spark Call (Cloud Collaboration) and Cisco Unified Call Manager products.
- Experience in technologies like Java, JavaScript, TestNG, Sonar, Git, Gerrit, Jenkins etc.
- Experience supporting 24X7 production environments.
- Active participation in grooming, sprint planning, retrospectives, daily stand-ups.
- Using Rally, JIRA, CDETS, iAgile proficiently.

Software Development Engineer Intern 05/2012 to 08/2012 Criteo Corp.

- Worked as team member to develop vendors and customer-facing tool to facilitate data upload and retrieval.
- Responsibilities included building and testing modules developed for their functionality and getting customer feedback to improve the tool functionalities.
- Technologies used: C# on MS Visual Studio, Farpoint Spread, SVN etc.

Systems Engineer 08/2010 to 11/2011 Quantitech

- Included training in various domains like Advanced C++ Programming, Java, Web Programming, Database Management, Algorithms, User Interface development, Software Testing etc.

### Software Proficiencies

**Programming Languages:** Java, JavaScript, C, C++, C#

**Tools:** Docker, Rally, JIRA, iAgile, Wiki

**Platforms:** J2EE, Unix, Ubuntu, Fedora, Windows

**Frameworks:** Jersey, Spring, Apache Camel, TestNG, Mockito

**Databases:** MySQL, PL/SQL

**Others:** Agile, Scrum, Scrumboard, Information Security, MS Office, Meetings, Software Design, Software Testing

### Certifications

- Completed Agile Scrum Fundamentals workshop
- Completed Continuous Deployment workshop
- Python for Engineers - Level I
- Cisco Ninja Security Brown Belt - Level IV

### Education

Master of Science : Computer Science University of Texas at Dallas State , USA

May 2013

GPA : 3.819

Bachelor of Engineering : Information Science & Technology KLS Gogte Institute of Technology State , India

July 2010

Agg: 85.78%

### Projects

#### Contribution to backend services for Cisco Cloud collaboration products:

Completed several user stories for cross-functional teams that built and maintained the backend services of web-based applications for Cisco Cloud collaboration products. These applications use Java, Spring, Apache Camel and PostgreSQL database.

#### Code and Application Security for Cisco backend services:

Worked as a member of the Security Team that ensures and enhances the code security of the various project components in Cisco. This included using various tools like Codenomicon, IPCentral, AppCheck etc.

#### Cisco Hackathon Project:

Worked as part of the team tasked to build and improve a redistributable dev environment in a Docker container as a part of Cisco's CodeFest / Hackathon. This dev env template included support for Java, Eclipse, Sonar, TestNG etc.

#### Automated tests for Cisco Selfcare project component:

Worked on a team responsible for building continuous, automated tests for Cisco's Selfcare project component using Cucumber technology.

These automated end-to-end tests simulated user interactions, setting up a phone device and other features.

#### Database for Faculty Feedback System:

Created a database design and programmed a module to automate Faculty feedback system in Computer Science Department in UTD using PHP

on Apache servers.

**Machine Learning and Artificial Intelligence (AI) projects:**

Implemented multiple machine learning and artificial intelligence (AI) projects in Java that used the concepts of distributed computing and neural networks to accomplish object recognition.

**Case Study on Software Quality:**

Wrote an academic paper on software quality that compared mobile software development with desktop software development using statistics gathered from the case study. Provided consideration based on recorded findings for mobile application developers to optimize code and improve software quality.

**Other Activities & Interests**

- Served as Communications Lead in Cisco Employee Engagement Panel.
- Volunteered at North Texas Food Bank, Junior achievement of Dallas and Genesis women's shelter. ^ ^ ^
- Participated in Information Security Awareness Certification (ISAC) program at UTD.
- Contributed to various articles in the UTD Mercury magazine.
- Participated in VIVA volunteers' Texas Trees Drive.
- Organized technical and social events as co-ordinator of Information Science Engineers' Association (ISEA) organization in GIT, India.
- Created 100+ handmade beaded jewelry items.