

Amruta Dhondage

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OBJECTIVE

Seeking a Software Engineering Internship for Summer 2017.

EDUCATION

MS in Computer Software Engineering

San Jose State University

Aug 2016 - Expected May 2018

Coursework: Software System Engineering, Cloud Technologies, Enterprise Application Development, Web and Data Mining.

BE in Computer Science

University of Pune, India

GPA- 3.7/4

June 2005 - May 2009

SKILLS

Programming Languages: Java, PL/ SQL, C++, Python, Amazon Alexa Skills for Voice Interface, GO Language
Databases: PL/SQL, Oracle, MySQL, Postgres, Redis
Frameworks/Web: EXTJS, JSP, HTML, CSS, Hibernate, Spring, Rest Web Services, Spring MVC, JQuery, Ajax, JavaScript, JSON, Spring Security, AngularJS, Python-Flask, NodeJS, Google Spreadsheets API, POJO, Dozer, Postman.
Cloud Services/Tools: Eclipse, NetBeans, Toad, QC, TCS Modelling Tool, SVN, VSCode, Docker, Greenfoot, GitHub-SourceTree
Amazon EC2, AWS Lambda, UML Astah, IBM Bluemix, Maven, Graddle, Jenkins
Servers/OS: JBOSS, TOMCAT, CAS, WAMP, Linux, Ubuntu, Windows 7/8.1/10, Mac
Methodologies: Kanban, Agile-Scrum, Waterfall
Other Skills: Leadership Quality, Self-motivator, Deep thinker, Enthusiast, Optimist, Team Building Capabilities.

GRADUATE PROGRAM PROJECTS | San Jose State University

Aug 2016 – Dec 2016 (GPA: 3.67/4)

Pizza ordering System – Amazon Alexa Skills, AWS Lambda, Google Spreadsheet APIs, NodeJS, Javascript Callbacks, JSON

- Designed and Developed Alexa Skill Interface (Intents, Utterances) in order to have Voice User Interface as a new User Interface.
- Implemented more scalable way to interact with Alexa Skills leveraging AWS Lambda function in NodeJS.
- Integrated Google spreadsheet API in NodeJS to store order details.
- Lead team of 4 members and encouraged as well convinced team to work on new concept of voice.

Crypto-Crypto-Charity – Blockchain, NodeJS, Pug, Javascript, IBM Bluemix, Go lang, WebSocket

- Developed Web Application in NodeJS to provide user interface over blockchain for charity application.
- Implemented chaincode of blockchain in Go Lang.
- Integration blockchain with frontend using IBM HFC APIs and websockets in order to send information to blockchain.
- Used IBM Blockchain Service and deployed webapp on IBM Bluemix.
- Motivated team to explore blockchain and quickly learn to implement new technologies.

Pirates (Treasure Hunt) – JAVA, REST API, Greenfoot (opensource), Docker, Docker Cloud, Amazon EC2, Kanban, Scrum

- Analysed and Developed a 2D game in JAVA illustrating FSA concept based on CS Unplugged Activity. Managed project using Kanban flow and Scrum Methodologies.
- Applied design patterns- State, Observer, Proxy, Adapter, Factory.
- Configured game for multiplayer option using REST API, dockerized REST API and deployed REST API on docker cloud using Amazon EC2 service.
- Handled team motivation and managed to work as self-organizing team.
- Project achieved a place in Top 5 Finalists and got released under MIT Licence.

PROFESSIONAL EXPERIENCE (5.1 years)

Nov 2009 – Dec 2014

IT Analyst, Software Engineer at Tata Research Design and Development Center (TRDDC), India

- Developed enterprise eTransform platform using Liferay portal and used CAS for single sign-on to serve as a platform for different modules in e-Transform.
- Configured Data Center Transformation and DC&V modules into Liferay Portal. Deployed application on JBOSS server running on Linux machine.
- Executed and contributed as a full stack developer by designing and developing front-end using MasterCraft in CSS, HTML, JQuery, Ajax for Data Collection & Versioning and Data Management API for backend.

- Analysed and worked as a software engineer for TCS production Support Automation Tool. Implemented application security using Spring Security, developed REST API at service layer using Spring MVC.
- Worked as a spoc. Handled team mentoring by conducting trainings, peer code reviews to ensure use of best development practices.

Assistant System Engineer, Software Engineer at Tata Consultancy Services(TCS),India [Client – Cisco, Vanguard]

- Managed interaction with cross-functional teams like stakeholders, analysts, developers, testers.
- Performed through SDLC, collaborating with colleagues to find solutions along with supervising and mentoring team.
- Handled Quality Assessment for the project and Defect management using QC, Toad. Developed expertise in Quality Assurance and Quality Control.
- Developed front-end in AngularJS according to wireframe standards to improve user friendliness and performance
- Designed and built REST APIs to add scalability to application, used MAVEN as a building tool.
- Followed scrum methodology to deliver in Agile process.

BACHELOR'S PROGRAM PROJECT

July 2008 - March 2009

Payment through Mobiles via Bluetooth – Java , J2ME , PHP, HTML , CSS , MYSQL

- Designed client –server application to handle the business logic using JAVA/J2EE and mobile application using J2ME.
- Created user collaborative web pages and designed database schema.
- Developed Postilion Transaction Framework to have user interaction at Point of Sale.
- Implemented authentication at Points of sale and security over data transfer by using Bouncy Castle for Encryption.

ACHIEVEMENTS AND OTHER ACTIVITIES

- **Co-Authored experience paper** titled “**Architecting the Database Access for IT Infrastructure and Data Center Monitoring Tool**” **published at IEEE 28th International Conference on Data Engineering (ICDE 2012), Washington, DC.**
(<http://doi.ieeecomputersociety.org/10.1109/ICDEW.2012.44>)
- “**High Performer**” award by SRL group in Tata Research Design and Development Centre(TRDDC).
- “**Special Monetary Incentive**” by TRDDC.
- Awarded **TOP student** in the final year of bachelors 2009.

EXTRA CURRICULAR ACTIVITIES

- Telecasted through “Alpha Scholars” program on Alpha TV Channel and won “Girls Special Round”.
- Fun Committee member at TRDDC.
- “Art of Living” volunteer.
- First prize at “Science Centre” inter-school level Essay Competition.
- Participated in "Aaja Nachle-Rhapsody" during "Bharatiyam-08" inter-college dance completion