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Seeking Summer 2017 Internship Opportunities as a Software Engineer

Education:

MS in Software Engineering at San Jose State University, San Jose, California   (Current GPA : 3.45)   **August 2016-May 2018**
BS in Computer Engineering at University of Mumbai, India (GPA : 3.3)   **August 2011-June 2014**

Skills:

Languages:	Java, Python(Beginner), C, C++	**Databases:**	MongoDB, MySQL, Oracle 10g, DB2
Web Technologies:	Node.js, Angular.js, JavaScript, HTML, CSS	**Libraries:**	Bootstrap, Passport.JS, jQuery, HighCharts
Cloud Technologies:	IBM Bluemix, AWS, Heroku	**Middlewares:**	RabbitMQ, ActiveMQ, Kafka
Collaboration:	GitHub, Waffle-IO, Scrum, Kanban	**Testing:**	JUnit, JMeter, Chai, Mocha
Operating System:	Linux, Mac, Windows, Android(Beginner)	**Other:**	XML, JSON, REST, AJAX, Git, UML

Professional Experience:

Atos: **Software Engineer**   **October 2014- June 2016**

Worked on all phases of application design from cost and time estimation, coding, prototyping, integration, deployment, user acceptance testing and documentation.

Responsibilities and Accomplishments:

- Developed and modified programs in JavaScript contributing to the new demands raised by customers.
- Implemented alarm flood detection using SQL Triggers which increased the stability of the system.
- Handled the migration of CORBA probe in IBM Tivoli Netcool Network Fault Management System. Completed project under budget and two weeks prior to the deadline.
- Replaced time-consuming, error-prone manual monitoring processes with the automated solution using shell script.

Wigilant Net Solutions: **Summer Trainee**   **June 2012- July 2012**

- Worked on 2 live projects and performed network penetration and web application security testing.

Academic Projects:

Enterprise Distributed System: Prototype of Airbnb   **September-16 - December-16**

- Designed a single page peer-to-peer online marketplace and homestay network application.
- Improved the response time of page by 20% using Rabbit Message Queues, connection pooling, CDN and Redis Caching. User analytics designed using Winston, Google analytics, d3.js and jQuery event catching.
- **Technology Stack:** NodeJS, AngularJS, MongoDB, Express, Rabbit-MQ, J-Meter, Redis Caching, Mocha, CSS, Bootstrap.

2D Quiz Game using Software Design Patterns   **August -16 - December-16**

- Developed a multiplayer quiz game following Agile methodology - Kanban (Waffle-IO) and Scrum.
- Implemented the Decorator, State, Observer and Adaptor Design Patterns in Java.
- Hosted the game on AWS with Docker hub.
- **Technology Stack:** Greenfoot, Java, AWS, Docker

Enterprise Distributed System: Prototype of eBay   **August-16 - September-16**

- Wrote a web app for online retailing of products using SOAP Web Services where multiple users can sell, buy and bid products. Implemented Connection pooling to improve the response time of page by 10%.
  Technology Stack: NodeJS, Java, AngularJS, MySQL, Express, J-Meter, Bootstrap, XML.

Data Analytics and Spark: AgroAI   **August-16 - December-16**

- Developed machine learning models for answering farmer's questions based on the soil health data provided by United States Department of Agriculture.
- **Technology Stack:** Python-flask, Pandas, IBM Bluemix, Bootstrap.

Research Papers:

- Published a comparative study of RFID, QR-Code and Barcode in (IJCTA) International Journal of Computer Technology and Applications, Volume 4 Issue 5, Sep-Oct 2013. (link : https://goo.gl/ZjMbIf)
- Published a research paper RFID Based Toll Collection System in the International Journal of Computer Science and Information Technologies (IJCSIT) – Volume 5 Issue 2- 2014. (link: https://goo.gl/nwqZ1J)