Salmaan Pehlari

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EDUCATION

San Jose State University May 2018 (Expected)
M.S. Software Engineering
Coursework: Software Systems, Distributed Enterprise Systems, Cloud & Virtualization, Web & Data Mining.

Gujarat Technological University, India June 2015
B.E. Computer Engineering

EXPERIENCE

Synopsys Inc, Mountain View, CA June 2017 - Present
Intern, InfoSec Team

- Responsible for automation, correlation and consolidation of logs from various threat intelligence and monitoring sources in the Information Security Team.
- Built a real time vulnerability monitoring and analytics dashboard using node.js, angular.js, socket.io and an Elasticsearch & Logstash backend pipeline improving the mean to resolution time for vulnerabilities by 30%
- Researched and learned about various security vulnerabilities, exploits and penetration testing.

Tata Consultancy Services - Gandhinagar, India December 2015 - July 2016
Assistant Systems Engineer - Trainee

- Worked on SAP MM module enhancements for a Fortune 500 healthcare services company. Achieved seamless update from EHP-4 to EHP-6 by resolving conflicts and implementing OSS Notes.
- Rated 5/5 during Initial Learning Program for SAP ABAP and Core Java.

ACADEMIC PROJECTS

Fast News *(http://www.fastnews.me)* January 2017
Technologies: Node.js, AngularJS, Python, Redis, MongoDB, AWS, HTML/CSS, Bootstrap, Machine Learning

- Created a lightweight web application which aggregates popular news articles from the web and presented concise summaries in a minimalist user interface. Took extreme consideration of user experience and built a decoupled API server to work with any platform.
- Used machine learning algorithms like K-Nearest Neighbors, TF-IDF values to generate summaries for the news articles. Widely appreciated on HackerNews and Reddit, handled 10K users within days of launching.

Airbnb Prototype *(https://github.com/SalmaanP/Airbnb_Prototype)* December 2016
Technologies: MongoDB, Node.js, AngularJS, Redis, ELK stack, D3.js, HighCharts, RabbitMQ, Mocha.js, JMeter

- Developed a distributed 3-tier application in a team using REST architecture to offer all functions of Airbnb for renting homes. Implemented a dynamic pricing algorithm for user properties.
- Achieved high performance while supporting 10,000 hosts, 10,000 users and 100,000 billing records. Implemented analytics and visualization modules for users, hosts and administrators.

Genus *(https://github.com/SalmaanP/CMPE202-Team17)* November 2016
Technologies: Java, Greenfoot, MySQL, AWS

- Built a 2D multiplayer game meant for kids learning computer science concepts as a csunplugged.org activity.
- Presented the game at an elementary school and was judged as a featured project out of 25 other class projects. Used agile methodology and implemented software design patterns for code modularity and reusability.

TECHNICAL SKILLS

Programming:	C, Java, JavaScript, Python
Database Systems / Middleware:	MySQL, MongoDB, RabbitMQ, Redis, ELK Stack
Web Technologies:	Node.js, AngularJs, Express, Mocha, HTML/CSS, Bootstrap, Restful Services
Software Design:	UML 2.0, Design Patterns, Waterfall, Agile, Scrum, Kanban
Cloud	AWS, Bluemix, Heroku, Docker