

Salmaan Pehlari

San Jose, CA

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EDUCATION

San Jose State University

May 2018

M.S. Software Engineering, 4.0 GPA

Gujarat Technological University, India

June 2015

B.E. Computer Engineering, 7.73 CGPA

EXPERIENCE

Tata Consultancy Services - Gandhinagar, India

December 2015 - July 2016

Assistant Systems Engineer - Trainee

- Part of SAP EHP Upgrade team for a fortune 500 healthcare services company. Completed SPDD and SPAU activities during upgrade from EHP4 to EHP6. Implemented patches (OSS Notes) and resolved conflicts during updates.
- Rated 5/5 during Initial Learning Program for SAP ABAP and Core Java.

Cad Lab, Indian Institute of Science, Bangalore, India

June 2014 - July 2014

Intern

- Worked alongside PhD students developing a compiler for their in house CGRA - REDEFINE.
- Used LLVM and Intel CnC framework to manage context memory allocation for schedulable entities.

PROJECTS

Fast News (<http://www.fastnews.me>)

January 2017

Technologies: Node.js, AngularJS, Python, Redis, MongoDB, AWS, HTML/CSS, Bootstrap

- Created a lightweight web application which aggregates popular news articles from the web and presents concise summaries in a minimalist user interface. Deployed using AWS.
- Automated python scripts aggregate news articles and Node.js server with redis elasticache serves requests.

Airbnb Prototype (https://github.com/SalmaanP/Airbnb_Prototype)

December 2016

Technologies: MongoDB, Node.js, AngularJS, Redis, ELK stack, 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 properties.
- Designed the application architecture and built RESTful services using Node.js and RabbitMQ.
- Tested the application to support at least 10,000 hosts/users and 100,000 billing records while maintaining high performance. Implemented separate tracking and analytics for users, hosts and administrators.

Better Care (<http://www.bettercare.me>)

November 2016

Technologies: Node.js, AngularJS, D3.js

- Built a website for a case study to identify factors affecting rise of medical insurance premiums in the United States over longer periods and analyzing trends over the last two decades.
- Also compared public health financing model compared to private model and estimated the effect on federal taxes by comparing overall expenditure on health infrastructure from federal budget.

eBay Replica (<https://github.com/SalmaanP/Ebay-Prototypes>)

October 2016

Technologies: MongoDB, Node.js, AngularJS, RabbitMQ, Mocha.js, JMeter

- Built an e-commerce application using MEAN stack which included all functionalities of eBay.
- Used Mocha.js for writing API unit tests and JMeter for performance tests. Maintained authentication using Passportjs authentication middleware.

TECHNICAL SKILLS

Programming: JavaScript, Java, C, Python

Database Systems: MySQL, MongoDB, Redis

Web Technologies: Node.js, AngularJS, Express, Mocha, HTML/CSS, Bootstrap, Restful Services

Software Design: UML 2.0, Design Patterns, Waterfall, Agile, Scrum, Kanban