

Salmaan Pehlari

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EDUCATION

San Jose State University
M.S. Software Engineering

May 2018

Gujarat Technological University, India
B.E. Computer Engineering

June 2015

EXPERIENCE

Tata Consultancy Services - Gandhinagar, India
Assistant Systems Engineer - Trainee

December 2015 - July 2016

- 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
Intern

June 2014 - July 2014

- 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

Airbnb Prototype

October 2016 - Present

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

- Developed a distributed 3-tier application in a team using REST architecture to offer all functions of Airbnb for renting homes. Includes all basic features like signing up, putting room for rent/bid, ratings etc.
- 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

October 2016 - Present

Technologies: Node.js, Angular.js, D3.js

- Ongoing 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 comparing public health financing model compared to private model and estimating the effect on federal taxes by comparing overall expenditure on health infrastructure from federal budget.

News Aggregator and Summarizer (<http://www.kabaurkya.xyz/worldnews.php>)

July 2016

Technologies: PHP, Python, MySQL, AWS, HTML/CSS, Bootstrap

- Created web application which aggregates popular news articles from the web and presents concise summaries in a minimalist user interface. Allows users to create accounts and save articles for future viewing.
- Used PHP for the website, and Python for aggregation and summarization. Hosted on Amazon EC2.

Reddit News Bot (<https://www.reddit.com/u/samacharbot2>)

June 2015

Technologies: Python, PRAW API, Heroku cloud

- Created a reddit bot which looks for posts containing news articles and provides a summary along with related news links for the article as a comment.
- Saved user time and clicks especially against click-bait links.

TECHNICAL SKILLS

Programming: JavaScript, Java, C, Python

Database Systems: MySQL, MongoDB

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