

NIKITA BAIRAGI

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EDUCATION

Master of Science in Computer Software Engineering
San Jose State University - San Jose, CA

2018-2020

EXPERIENCE

Software Engineer Intern, Iotium – Santa Clara, CA

Feb 2020 – April 2020

- Created infrastructure monitor script using Python, to check the disk and memory status of EC2 instances running on AWS. Created python script to measure the backend and frontend page load time of web pages.

Software Engineer, Oracle – Hyderabad, India

Jan 2016 – Aug 2016

- Engineered REST API's and user interface components for OIPA (Oracle Insurance Policy and Administration) SaaS platform by utilizing Oracle JavaScript Extension Toolkit and Knockout.js

Software Engineer, Crypsis Technologies – Hyderabad, India

Dec 2014 – Jan 2016

- Setuserv.com: Created rich interactive graphics and data visualization charts exploiting D3.js which helped clients identify data trends and patterns
- Matchcapital.net: Implemented user interface using AngularJS for a platform that connects entrepreneurs with relevant investor
- Stockviews.com - Designed and built the rating and comments functionality applying jQuery which improved investment research platform for stock traders

Software Engineer, Mife Corporation – Indore, India

May 2014 – Dec 2014

- Created WordPress plugins using PHP for extending functionality and features of WordPress websites

PROJECTS

- **LinkedIn platform:** Built a highly scalable platform leveraging Golang, MongoDB and Redis. Designed three Microservices for job search, user search, and user authentication
- **Partition Tolerance Test of MongoDB and Riak Database:** Tested partition tolerance from CAP Principle for MongoDB and Riak database, by creating instances on AWS
- **Starbucks Application:** Implemented Starbucks mobile application making use of more than 7 Java Design Patterns
- **Stock Portfolio Suggestion Engine:** Developed an application that assigns stocks based on investment strategy using Flask, Python, React and Node.js

SKILLS

- Java, JavaScript, Python, SQL, MongoDB
- NodeJS, ReactJS, Angular, D3.js, Knockout.js
- Agile Development, Git, Gitlab
- REST API's, Microservices, Docker, AWS