

SANDESH BASRUR

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EDUCATION

University of California, Riverside

September 2015 – December 2016

Masters in Computer Science.

B.M.S College of Engineering, Bangalore, India

September 2009 – June 2013

Bachelor of Engineering, Information Science.

PROFESSIONAL EXPERIENCE

Software Engineer Intern, Zuora Inc., Atlanta, USA (June 2016 – September 2016)

Project: Created Ruby on Rails Trust web application that pings internal servers every 5 minutes. The application stores the response time, status code and emails subscribers when the server goes down.

- Created the entire backend using Ruby on Rails.
- Completed authentication system that allows admin to create incident reports, which are automatically sent to subscribers.
- Created an API to integrate existing applications.
- Developed the user interface using React, HTML5, CSS3, Bootstrap, JQuery and Chartkick.
- Implemented feature to display status of JIRA and Zendesk tickets.

Software Developer, Societe Generale Investment Bank, Bangalore, India (August 2013 – December 2014)

- Developed various types of financial reports for SG – Equipment Finance, Scandinavian region.
- Used SQL Server Reporting Service 2008 (SSRS) to create tabular report, drill-down, sub-reports, report parameters, global parameters, dataset, common function operators, and charts.
- Created stored procedures, tables, views, indexes, temporary tables, SQL joins using T-SQL in SQL Server Management Studio (SSMS).
- **Connect – Android application:** Created a mobile application prototype using J-Query mobile framework with features like Twitter feeds and image gallery to assist employees.
- Migrated Equipment Finance Vendor portal from Liferay to React Framework
 - Created responsive UI components using React/Redux, CSS, Javascript, HTML, Bootstrap.
 - Used NPM for UI package management.
 - Leveraged Node.js, AWS to host this application.

SKILLS

Proficient: Java, SQL/ T-SQL

Prior Experience: Javascript, React, Node.js, CSS, HTML, Bootstrap, Ruby on Rails, Python

Operating System: Windows, UNIX, Mac OS.

Tools: Github, Bitbucket.

OPEN SOURCE PROJECT

Student Developer – Google Summer of Code (May - August 2012)

Created the Budget tracker application for Outercurve Foundation along with visualization dashboard using Javascript and d3.js

Implemented issue tracker application to facilitate team coordination

SELECTED PROJECTS

GitHub: github.com/Sandesh-bn

Stock Market Android application

- Created an Android app that displays real-time stock prices using information from Yahoo Finance.

Search Engine in Python

- Built a Search Engine using Python and implemented features like web-crawling, indexing web pages and ranking pages.

COURSEWORK

UCR - Design and Analysis of Algorithms, Information Retrieval, Data Mining Techniques, Advanced Operating Systems,

Coursera – Interactive Python Programming, Algorithms: Design and Analysis

LEADERSHIP EXPERIENCE

Microsoft student partner (2010-2011)

- Worked alongside Microsoft professionals, assisting them during hackathons and events.
- DreamSpark Campus admin.

Coordinator, Youth leadership program:

- Successfully created an education plan and coached teenagers to build confidence in public speaking and leadership skills.

AWARDS

Toastmasters Competent Leadership Award (June 2014)

Toastmasters Competent Communicator Award (June 2014)