

# Pratik Sanglikar

www.pratiksanglikar.com | mail@pratiksanglikar.com

## EDUCATION

### SAN JOSE STATE UNIVERSITY

MS, SOFTWARE ENGINEERING  
Expected Dec 2017 | San Jose, CA  
GPA: 3.67

### UNIVERSITY OF PUNE

BE, COMPUTER SCIENCE  
May 2013 | Pune, India  
GPA: 3.6

## LINKS

Github [pratiksanglikar](#)  
LinkedIn [psanglikar](#)

## COURSEWORK

### GRADUATE

Distributed Systems  
Cloud Technologies  
Business Intelligence Technologies  
Enterprise Application Development  
Advanced Databases

### UNDERGRADUATE

Data Structures  
Operating Systems  
Artificial Intelligence  
Computer Networking  
Computer Graphics

## SKILLS

### PROGRAMMING

Over 5000 lines:

- Java
- JavaScript

### CLOUD TECHNOLOGIES

- Amazon Web Services
- Google App Engine
- Heroku

### DATABASES

- MySQL
- MongoDB
- Redis
- PostgreSQL

### FRAMEWORKS

- Spring Framework
- NodeJS
- AngularJS
- BackboneJS

## EXPERIENCE

### VIVALNK INC. | CLOUD & WEB DEVELOPMENT INTERN

Jan 2017 – May 2017 | Santa Clara, CA

- Designed and developed new features for VivaLnk Cloud Services.
- Configured the cloud services on Amazon Web Services (SQS, SNS, and ElastiCache).
- Played the crucial part in designing and developing the web app using AngularJS.

### EQ TECHNOLOGIC | SOFTWARE ENGINEER

Jul 2013 – Nov 2015 | Pune, India

- Worked on a web-based Business Intelligence tool - eQube-BI.
- Developed REST APIs using Spring Framework to allow operations on the Cube.
- Developed CubePanel, that enabled users to perform operations on the Cube.

### CARIQ | SOFTWARE ENGINEERING INTERN

Summer 2013 | Pune, India

- Developed an Android app for smart cars which connected cars using OBD port and performed tests to determine health of the car.

## PROJECTS

### POTHOLE DETECTION USING MOBILE SENSORS IN PROGRESS

NodeJS, PostgreSQL, AWS (SQS, SNS, EC2, EMR, S3, Amazon Data Pipeline)

- Leading a team of four people for developing masters' project.
- Developing an Android and iOS application to crowd source the potholes information using mobile device's accelerometer and GPS sensors.
- Analyzing the data to make meaningful predictions.

### FOOD LOCATER SVCC OPPORTUNITY HACKATHON

NodeJS, MongoDB, Heroku, Twilio, Android

- Developed an Android app to let hungry people find the free food resources they need.
- User interaction via SMS was provided for people without smart-phones.
- Finalist in top 8 among 25 different teams in SVCC Opportunity Hack at PayPal HQ.

### AMAZONFRESH - ENTERPRISE E-COMMERCE WEBSITE

Mongo, ExpressJS, AngularJS, NodeJS, RabbitMQ, JMeter

- Implemented product catalog and checkout functionality using KendoUI.
- Implemented admin dashboard that visualized data to get actionable insights.
- Improved performance by 37% using RabbitMQ, Redis and other client side optimizations.

### JAVA PARSER UML GENERATOR 1-PERSON PROJECT

Java

- Developed a Java based tool to reverse engineer Java files to generate class diagrams.
- Libraries Used - GraphViz, PlantUML.

More projects available on [www.github.com/pratiksanglikar](http://www.github.com/pratiksanglikar).