

## EXPERIENCE

### SOFTWARE ENGINEER,

JUL 2018 – Present

SCALABLE SYSTEMS RESEARCH LABS, SAN JOSE, CA

- Developing enterprise level UI, building RESTful web services/ API, managing databases and Verifying program operation by conducting unit, system and integration testing
- Designing User Interface applications using HTML5, CSS3, JavaScript, jQuery, Bootstrap, JSON
- Responsible for front-end architecture, pull requests, deployments and releases
- Developing front end applications using JavaScript frameworks – React JS and Node JS and complex service components for DAL, DAO classes to interact with backend using Java
- Handling and configuration of databases like MySQL and MongoDB(NoSQL)
- Installing, configuring, performance tuning and troubleshooting Unix/Linux systems
- Experienced in version control and source code management tools like GIT, SVN, and TFS.
- Knowledge of AWS services like VPC, EC2, S3, ELB, IAM, Route 53, CloudWatch, CloudTrail

### TECHNOLOGY INTERN,

NOV 2016 – MAY 2018

CALIFORNIA STATE UNIVERSITY, CHICO, CA

- Blackboard Learning Management System (LMS) Testing and log analysis using Splunk Web Client
- Testing patch updates for Kaltura, Zoom and other third party Blackboard integrations
- Webpage maintenance, plugins update and verification

### SEARCH ENGINE OPTIMIZATION ENGINEER,

AUG 2015 – JUN 2016

SOFTUSVISTA.INC, PUNE, INDIA

- Designing content management system for comparison website
- Content management, content writing, analysis, implementation of social media strategies

## SOFTWARE PROJECTS

### WEB DEVELOPMENT

- **WEATHER APP**—App created using Node.js and Express.js to search for a specific location and fetch data from API along with weather appropriate gif
- **HEALTH TRACKER** – Database to log calorie intake, add/search food items, filter by date and show intake trends, set alerts and reminders
- **AWS HOSTED WEB** – Weather App/Static Marketing website hosted on AWS
- **GIPHY FINDER** – Web App that displays trending gifs and allows user to request data

### JAVA PROJECTS

- **2D SNAKE GAME** - Game that feeds a snake which increases in length on consuming food particle

### PYTHON PROJECTS

- **SECURITY SYSTEM WITH MOTION DETECTION AND TWILIO** - Raspberry based surveillance system using Twilio software for connecting system to receive messages

## EDUCATION

MASTER OF SCIENCE , CALIFORNIA STATE UNIVERSITY, CHICO

MAY 2018

- Computer Engineering, LiFi Research and Computer Networking protocol research
- Recipient of Narain G and Joyce Hingrani Scholarship research

GPA 3.5

BACHELOR OF ENGINEERING, PUNE UNIVERSITY, PUNE

JUNE 2015

- Electronics and Telecommunication Engineering
- Research Paper Robotic Car Wash System published in [IJIRSET Vol 4, Issue 4, April 2015](#)

GPA 3.2

## PERSONAL INFO

### ADDRESS:

San Jose, CA

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<https://github.com/SayaliNaik>

## SKILLS

### LANGUAGES:

Python, Java, C, Verilog, VHDL, Assembly

### TOOLS:

Wireshark, GIT, Splunk, CorelDraw, Google Analytics, MATLAB, GitHub, Photoshop

### AWS:

EC2, S3, ELB, IAM, Auto scaling, Cloud Front, Cloud Formation, Elastic File system, RDS, DMS

### METHODOLOGIES:

SCRUM, Agile