

EXPERIENCE

SOFTWARE ENGINEER

JUL 2018 – PRESENT

SCALABLE SYSTEMS RESEARCH LABS, SAN JOSE, CA

- Developing enterprise level UI, building RESTful web services/API, managing databases
- Verifying program operation by conducting unit, system and integration testing
- Designing front end applications using HTML5, CSS3, JavaScript, React.JS, jQuery, Bootstrap, JSON
- Designed the N-Tier architecture for the application following Spring MVC pattern.
- Integrate data from various PHP and NodeJS back-end services with MySQL, MongoDB databases
- Handling configuration of databases like MySQL and MongoDB (NoSQL)
- Strong experience using Maven build system
- Developed server side application to interact with database using Spring Boot and Hibernate
- Developing and designing feature file in cucumber (BDD Framework) using Gherkin with Java
- Used Jenkins for continuous integration and continuous deployment
- Installing, configuring, performance tuning and troubleshooting Unix/Linux systems
- Used Postman to test the RESTful API for HTTP requests such as GET, POST, and PUT
- Experienced in version control and source code management tools like GIT on Github and Bitbucket
- Knowledge of AWS services like VPC, EC2, S3, ELB, IAM, Route 53, CloudWatch, CloudTrail
- Used agile methodology for design and development of project

ENGINEERING 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
- Creating webpages and component prototypes with reusable code and libraries
- Using HTML, CSS, JavaScript to make code repairs and optimize the website
- Worked on form validation, error handling and event handling using JavaScript and jQuery.
- Testing website and performing user testing and troubleshooting prior to production
- Installing, customizing and integrating commercial software packages
- Webpage maintenance, plugins update and verification
- Worked closely with production team in CI CD activity using Jenkins.

SOFTWARE ENGINEER

AUG 2015 – JUN 2016

SOFTUSVISTA.INC, PUNE, INDIA

- Designing content management system for comparison website
- Collaborating with team to gather requirements, design wireframes and outline schedules
- Developing control project flow and ensure deliverable milestones are met
- Maintaining and develop user-facing features and applications
- Content management, content writing, analysis, implementation of social media strategies
- Organize, schedule, and follow through on project workflows
- Manage Search Engine Optimization using tools like Google Tag Manager and Google Analytics

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, INDIA

JUNE 2015

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

PERSONAL INFO

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<https://sayalinaik.github.io/>

SKILLS

LANGUAGES:

JavaScript, jQuery, React.js, HTML5, CSS3, Node.js, Python, Java, SQL, XML, JSON, Gherkin

TOOLS:

CPANEL, JIRA, Wireshark, GIT, Splunk, CorelDraw, Google Analytics, Photoshop, Junit, WinSCP, BDD, Trello, Postman, SoapUI

DATABASES:

Oracle, MySQL, MongoDB AWS: S3, Apache Kafka, Snowflake

AWS:

EC2, S3, RDS, CFT, ELB, IAM, Auto scaling, Cloud Front, Elastic File system, SNS

METHODOLOGIES:

SCRUM, Agile