

Kaushal Karinaga Shetter Raju

SOFTWARE ENGINEER

San Jose, California - 95112

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Skills

Expertise: Full-Stack Development | IoT | Cloud Infrastructure | DevOps | Project Management

Tools: C | C++ | Python | Java | JavaScript | ReactJS | NextJS | Spring Boot | Django | NodeJS | Docker | Jenkins | MySQL | MongoDB | Raspberry Pi | Arduino | NodeMUC (ESP 8266)

Work Experience

Neoscale.io

SOFTWARE ENGINEER

Bangalore, India
August 2019 - July 2021

- Contributed to the front end of a pioneering crypto exchange marketplace with 50K Google Play store downloads.
- Assembled the front end of an interactive cryptocurrency monitoring dashboard with 200+ Daily Active Users.
- Built customized chrome extensions that automated required tasks for the client.

Streamlyn Media

SOFTWARE DEVELOPMENT ENGINEER

Bangalore, India
Jan 2021 - July 2021

- Proposed, created, tested, and deployed new ad units that generated \$1.5K in weekly revenue.
- Built highly scalable internal tools for the ad operations team.

Cuberootz

SOFTWARE ENGINEER

Bangalore, India
Sept 2019 - Sept 2020

- Automated processes for corporate farms by innovating IoT solutions as a member of a two-person team.
- Wielded Prometheus and Grafana to develop highly scalable internal tools and dashboards to monitor farm conditions.
- Assembled a centralized communications platform that connects third parties and users.
- Established the CI/CD pipelines for all services and repositories.

InMobi

BUSINESS ANALYST INTERN

Bangaluru, India
Jan 2019 - July 2019

- Performed a variety of competitor benchmarking, research study & analysis to help teams across the company.

Open Systems International

SQA INTERN

Bangaluru, India
June 2018 - July 2018

- Conducted manual and automated testing for web applications by utilizing Selenium and Python.
- Mastered the concepts of continuous integration, delivery, and deployment using Jenkins.

Crucible Of Research and Innovation

RESEARCH INTERN

Bangaluru, India
June 2017 - July 2017

- Research on switching circuits for the Nano Satellite (PISAT) & selection of the switches.
- Studied the Cube-wheel (reaction wheel) structure, its usage & efficiency & conducted a series of tests on the Cube-wheel to verify its working for our needs under professional guidance.

Projects

EcoBuild

NextJS, NodeJS, AWS

- Created an informative and educational web application that provides location-based data on environmental metrics such as pollution, COVID-19 spread, chemical safety, and alternative fuel.

Shift Allocator

NextJS, Spring Boot, MySQL

- Assembled a web application which notifies employees after allocating shifts based on the employee rating and availability.

No code integrations

IBM App Connect, Salesforce, Box

- Build a few no code/low code integrations on IBM App Connect for SaaS applications such as Salesforce and Box.

Swift Fighter

Arduino, Ultrasonic sensors, Fire sensors, Motor drivers

- Built and demonstrated an autonomous firefighting robot.

Dual Axis Solar Detector

Arduino, LDRs, Servo motors

- A device that can detect the maximum intensity of light at any point of the day & orient the solar panel towards that direction.
- Increased the efficiency of capturing solar energy by 44%.

Education

San Jose State University

Master of Science in Computer Software Engineering

San Jose, California
August 2021 - Present

- GPA: 3.85/4.00

PES University

B.Tech. in Electrical and Electronics Engineering

Bangalore, India
June 2017 - June 2021

- GPA: 3.39/4.00