

Kaushal Karinaga Shetter Raju

<https://www.linkedin.com/in/kaushalkr> | (669) 302-0975 | kaushalkr27@gmail.com | <https://kaushalkr.com/>
San Jose, CA - 95113

EDUCATION

San Jose State University

Master of Science in Computer Software Engineering

San Jose, CA

August 2021 - May 2023

PES University

Bachelor of Technology in Electrical and Electronics Engineering

Bangalore, India

August 2015 - May 2019

WORK EXPERIENCE

Armstrong Technologies

Software Engineering Intern

San Jose, CA

June 2022 - August 2022

- Constructed, deployed and maintained python application to integrate company's data from Salesforce to internal tools which are wielded by the employees. Reduced load time of data from 8 seconds to 180 milliseconds.
- Developed a strong admin dashboard in collaboration with stakeholders to streamline several business procedures.
- Led a team in developing a scheduling tool to cut monthly operating expenditures by \$4500.

Neoscale.io

Software Engineer

Bangalore, India

June 2019 - July 2021

- Contributed to the front-end of a pioneering crypto exchange with 50K+ Google Play store downloads.
- Developed front-end and part of back-end of a cryptocurrency monitoring dashboard with 200+ Daily Active Users and resulted in 180% more visits to the platform.
- Built customized chrome extensions to automate manual tasks for the client. Reduced an avg. of 4 mins/user/task.

Streamlyn Media

Software Development Engineer

Bangalore, India

January 2021 - June 2021

- Proposed, designed, and deployed new rich media ad units that generated \$1.5K in weekly revenue.
- Built highly scalable internal tools for ad operations team squashing around 25 mins/day/person.
- Managed AWS cloud infra, restructured and scaled infra to handle at least 400% more volume with load balancing and auto scaling techniques.

Cuberootz

Software Engineer

Bangalore, India

September 2019 - September 2020

- Led a team of two engineers to automate processes such as temperature control, irrigation control and water quality control for corporate farms by innovating IoT solutions.
- Utilized Prometheus and Grafana, devised internal tools and dashboards to track farm conditions, enabling stakeholders to make smarter decisions and streamline farm operations.
- Assembled a centralized notification service with support for email, telegram and SMS which saved around \$1200 for the company on a monthly basis.
- Established the CI/CD pipelines for all services and repositories slashing the deployment time by 40% and eliminated manual interaction with the process.

PROJECTS

EcoBuild

- 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. Used NextJS, NodeJS, MySQL & AWS.

Donors for NGO

- Prediction of an individual's general income bracket from publicly available data from OpenML. Forged multiple ML models and studied performance of each model by utilizing ROC and AUC curves.

Shift Allocator

- Assembled a web application which notifies employees after allocating shifts based on the employee rating and availability. Fabricated using NextJS, Java Spring Boot and MySQL.

SKILLS

Languages: JavaScript, Python, Java, C, C++, SQL, HTML/CSS

Frameworks: ReactJS, NextJS, Spring Boot, Django, NodeJS, Flask

Technologies: Linux, Docker, Jenkins, MySQL, MongoDB, Raspberry Pi, ESP8266

Expertise: Full-Stack Development, Cloud Infra, System Design, DevOps, Project Management, IoT, Algorithms