

# Ghanashri Mariyanna

+1 (669) 306 1518 | San Jose, California | [ghanashri.mariyanna@sjsu.edu](mailto:ghanashri.mariyanna@sjsu.edu) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**M.S. in Software Engineering** | San Jose State University | San Jose, CA | CGPA 3.78/4 **Dec 2022**  
Enterprise Distributed Systems track | Coursework: Design patterns, Enterprise Software Platforms, Data Science  
**BE in Computer Science** | GSSSIETW | Mysore, India | CGPA 8.66/10. **July 2017**  
Coursework: Data Structures and Algorithms, Computer Architecture, Computer Networks, Theory of computation

## TECHNICAL SKILLS & INTERESTS

<b>Languages</b>	JavaScript, Typescript, GraphQL, Python, C, C++.
<b>Web Technologies</b>	HTML, CSS3, ES6, Bootstrap, React JS, Redux, Jest. Material UI, NodeJS, Express.
<b>Database</b>	MySQL, MongoDB.
<b>Cloud</b>	Amazon Web Services.
<b>Tools</b>	MS Office, Figma, VS Code, PyCharm, Git, Docker, Postman.

## WORK EXPERIENCE

**Frontend Developer Intern | Shopify, Inc. | San Jose, California** **June 2022 – December 2022**

- Worked on Shopify's Generic Marketplace app that helps new partners to configure and publish merchant-facing channel apps, rather than having to build from scratch.
- Handled responsibilities like Feature developments, Bug fixes, Unit tests, Storybook stories, and PR reviews.

**Software Engineer | Capgemini Engineering | Bangalore, India** **October 2017 - March 2021**

- Created user interfaces, framework components, database queries, and backend scripts to support full-featured and styled web applications.
- Implemented features like Dashboard, Repossession, and schedule management pages in IoT telematics applications for calAmp client. Recommended modifications to processes and procedures. Contributed to best practices, architecture, and implementations.
- Restructured existing legacy code into modular code by removing all deprecated react life cycle methods and by converting class components to functional components.
- Participated in the evaluation and resolution of defect ticket reports for new as well as legacy components.
- Performed regular peer code reviews to ensure all projects are built optimally and defect-free.
- Tested the modules and maintained documentation for the client applications.
- Provided project progress reports to the team, stakeholders, and management. Translated business requirements into technical specifications and worked to manage project priorities and timelines.

## LEADERSHIP EXPERIENCE & ACCOMPLISHMENTS

- Participated in the 24-hour-long, Altran Hackathon (HACK100-V) and won the competition with the coveted title of Extraordinaire (Bangalore region) for our idea. **July 2019**
- Participated in an indoor planter activity organized and coordinated by ConnectFor, to recycle old Newspapers and plastic bottles with a chance to reduce plastic waste by creating paper pens with seeds in them that grow into trees.
- Volunteered with Altran CSR team (ARISE program, envisioned to empower through scalable high-quality engineering/digital education) by participating in the knowledge contribution for the beneficiaries (students of tier II and tier III Engineering colleges) being catered through multiple programmatic threads.

## ACADEMIC PROJECTS

**Uber-eats web application** (MySQL | ReactJS | Redux | JWT | HTML | CSS | NodeJS | Express | MongoDB | Kafka)

- Designed and developed a highly scalable, distributed, secure, interactive, and responsive web application using MERN stack and Apache Kafka. Enabled connection pooling for faster server responses and compared performances of SQL, MongoDB, and Kafka through load tests using JMeter. Leveraged AWS S3 bucket for image storage and EC2 instance for hosting and AWS RDS for MySQL.

**Indeed Prototype** (MERN | Kafka | Redis | MongoDB | SQL) – 3 tier distributed application for job search

- Designed the system architecture and developed the application end-to-end. Deployed on AWS EC2 with load balancers and tested the system with 10k job reviews. Embedded Redis Cache and dedicated S3 image server to increase system performance by 75%.

**Cloud Event Center** (React JS, Spring boot, AWS RDS, AWS S3 bucket)

- Hosted the "Cloud Event Center" website as a platform for individuals and organizations to conduct their events on the cloud.