

Akhila Sulgante

+1(628) 276-3832 | asulgante39@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#) | San Francisco, CA

Dedicated Full-stack Developer with 4 years of experience in developing robust, scalable applications. Proficient in both front-end and back-end technologies, adept at leveraging diverse frameworks and languages to deliver efficient solutions. Skilled in collaborative teamwork, problem-solving, and optimizing user experiences.

Education

Northeastern University, San Francisco

Jan '22 – Dec '23

Master's in computer science, 3.9/4.0

Roles: Teaching Assistant (Algorithms, Intensive Foundations of Computer Science), Research Assistant

Dr. Ambedkar Institute of Technology

Aug '13 – June '17

Bachelor's in computer science

Work Experience

Summer Analyst | Goldman Sachs

July '23 – Sept '23

Skills: Java, JUnit, Mockito, Spring, MongoDB, CI/CD, System Design, API Development, JavaScript, React

- Built an enhanced retry mechanism using Java and Spring Boot for a report delivery platform that reduced **365.4 hours** of retry time (in 30 days) and **87%** reduction in Apache Flink calls by eliminating repeated data pipelines
- Enhanced the application's UI to reflect the changes using JavaScript, React, HTML and CSS
- Created a Test Plan document and Executed extensive Unit, Integration, System, Stress, and Regression testing using Junit, Mockito, JMeter, and Swagger UI to ensure the quality and reliability of the API
- Implemented CI/CD processes using GitLab for seamless feature development and deployment

Account Specialist | Amazon

May '20 – Dec '21

Skills: Data Analysis, Business Development, Data Visualization, Search Engine Optimization, Quality Assurance

- Implemented Tableau dashboards and collaborated with brand representatives to craft data-driven ad campaign strategies for over 120 brands, resulting in an average **40%** increase in ROI of ad revenue for vendors
- Collaborated with cross-functional teams to analysis Customer Feedback pipeline, leading to the development of an optimized process that slashed customer query resolution time from 5 to 2 business days

Assistant Application Developer | Fujitsu

Dec '17 – Mar '20

Skills: Object-oriented Design, Java, Junit, Algorithm, SQL, Integration Testing, Bug fixing, JavaScript, React, HTML, CSS

- Developed the app's user interface, resulting in a 25% acceleration in loading speed and a heightened user experience by utilizing JavaScript and React for the frontend, while employing Java for backend development
- Efficiently resolved Integration Testing issues ahead of schedule, leading to a 30% reduction in the phase time
- Performed code reviews, assessed team's quality performance bi-weekly, and devised improvement strategies

Key Projects

Feedback Buddy

Jan '24 – Present

- Building a Full-stack web app platform for web developers to share their creations and receive feedback
- Integrating social media signIn, utilizing Firebase authentication API for secure user session management
- Implementing a website rating feature utilizing React Query for data fetching and React Context API

CrystalLens – A bias detection tool for ML models (Research)

Sept '23 – Dec '23

- Created an Interactive web tool to visualize distribution, composition, and feature correlations in ML datasets
- Enabled transparency in ML models, allowing users to select training features for informed decision-making
- Aided Users in identifying biases by showcasing changes in evaluation matrix and wrote an IEEE paper

Peko - A food ordering website

Nov '22 – Dec '22

- Deployed a **MERN**-stack food delivery app following **agile** practices and performed unit and system tests
- Executed A/B tests to optimize the website's performance and UX through data-driven improvements
- Incorporated filtering options to ease the ordering process and implemented **CRUD** operations in **MongoDB**

Technical Skills

Programming Languages: Java, Python, JavaScript, R

Web Development: HTML, CSS, React, Node.js, Express.js, Next.js, Three.js, Tailwind CSS

Database: MySQL, MongoDB, ElasticSearch, Firestore

Testing: JUnit, Cypress, JMeter, Mockito