

# Sriharsha Maddala

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## EDUCATION

**University of California Santa Cruz**  
*Bachelor of Science in Computer Engineering*

Santa Cruz, CA  
Sep 2020 – June 2024

## EXPERIENCE

**Technology Analyst (Software Engineering)**  
*Wells Fargo*

July 2024 – Present  
*San Francisco, CA*

- Implemented Apigee to manage and secure APIs across 3 applications, enabling scalable and efficient integrations.
- Upgraded Java and Spring Boot versions across multiple services to improve stability and security.
- Designed and executed 100+ QA test cases, improving release confidence and reducing post-launch defects.
- Led feature delivery from concept to launch in collaboration with cross-functional teams across 2 projects.
- Selected as 1 of 5 TALC Committee Members (from 180 analysts) to lead mentorship efforts.
- Organized 5 professional development events as part of the Technology Analyst Leadership Committee.

**Technology Intern (Software Engineering)**  
*Wells Fargo*

Jun 2023 – Aug 2023  
*Fremont, CA*

- Built a user-friendly web app that streamlined access to 20+ internal bank microservices.
- Implemented GraphQL to fetch only required data, improving API efficiency and reducing payload size.
- Optimized GraphQL schema and queries, cutting redundant API calls by 30%.
- Worked with senior engineers in Agile sprints to deliver and test 10+ features across 2 releases.

**Technology Intern (Software Engineering)**  
*Wells Fargo*

Jun 2022 – Aug 2022  
*Charlotte, NC*

- Automated data extraction from AutoSys to monitor nearly 1,000 job executions and resolve issues faster.
- Designed database schema and created 10+ tables to support analytics and reporting.
- Wrote and executed SQL queries to validate updates, inserts, and deletes across key data pipelines.
- Developed scripts to schedule and monitor batch jobs, increasing pipeline reliability and uptime.
- Collaborated with cross-functional teams to review workflows and ensure end-to-end reporting accuracy.

## PROJECTS

**HavenHOA (Startup / Consumer SaaS) | Flutter, Firebase, AI**

- Defined MVP roadmap after 15+ homeowner/board interviews, scoping resident vs. admin features.
- Established shared vision with engineers and designers, aligning on priorities and timelines.
- Tested pricing hypotheses (\$25–\$100/community) and set adoption KPIs (sign-ups, churn, engagement).
- Conducted competitive analysis of 5+ HOA tools to position HavenHOA with differentiated UX.
- Drafted go-to-market strategy targeting HOA boards and local influencers.

**Automated Pet Feeder (IoT Product) | Python, Flask, Firebase, AWS, REST APIs**

- Reduced food waste by 75% with automated discard logic validated by pet owners.
- Built real-time monitoring with dual cameras to improve trust and remote control.
- Delivered live demo and pitched to stakeholders, incorporating feedback into v2 design.

**Mood Lift (AI-Powered App) | React Native, Spotify API, OpenAI API, Firebase**

- Built a mobile app recommending playlists by mood and generating AI journaling prompts.
- Ran user interviews and iterated features, increasing engagement and retention.
- Presented to stakeholders and tested notification strategies driving 20% higher re-engagement.

## TECHNICAL SKILLS

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

**Frameworks & Platforms:** Spring Boot, Flask, React Native, Node.js, JUnit

**Developer Tools:** Git, IntelliJ, VS Code, Eclipse, Postman

**APIs & Services:** OpenAI API, Spotify API, Firebase, AWS EC2, GraphQL