

Veedhi Bhanushali

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EDUCATION

San Jose State University, Bachelors of Science in Data Science

Graduating Fall 2026

• *Data Structures & Algorithms, Operating Systems, Machine Learning, Databases, Web Development*

WORK EXPERIENCE

Founder & Full-Stack Engineer

San Jose, CA | Jun 2024 – Present

Bridge: *Mobile-first AI platform for international students*

- Founded Bridge, an AI platform helping international students avoid missed deadlines, unsafe housing, and lost opportunities.
- Built Bri, a GPT-4 agent with memory and execution (deadline nudges, email drafting, RSVP, scam detection), validated with **50+** pilot users.
- Shipped **25+ production features** across **React Native**, **Next.js**, **Firestore**, and **Spring Boot** microservices on AWS.
- Launched **Bridge Web**, a no-code dashboard enabling onboarding analytics and **200+** A/B nudges.

Software Engineering Intern

UL Solutions

Fremont, CA | May 2025 – Aug 2025

- Automated RF testing pipelines in **Python**, enabling emissions testing for 20+ 6G/LTE/WiFi devices with **100%** accuracy.
- Designed validation pipelines improving throughput by 15% and refactored legacy tools reducing setup time by 30%.

Software Engineering Co-op

Hyundai

Aug 2025 – Present

PROJECTS

Hybrid Fitness & Physical Therapy App — *React Native, Firebase, FastAPI, SQL, OpenAI*

Collaborated with 10 industry engineers

- Developed a personalized fitness app featuring onboarding, a **1000+** exercise database, and adaptive chat-driven plans.
- Implemented adaptive chat module enabling personalized plan updates based on progress and results.
- Led development of backend APIs supporting real-time updates and feedback-driven adjustments.

Collaborative Notion-Style Editor — *Spring Boot, AWS, Redis, React, Y.js, Elasticsearch*

- Engineered real-time collaborative editor with CRDT-based sync, version control, and <100ms latency.
- Developed microservices for real-time sync, authentication, and full-text search using AWS + Redis caching.

Software Engineering Fellow — *Headstarter AI*

Jul 2024 – Sep 2024

- Built a smart pantry app with image upload and recipe generation using TensorFlow.js and OpenAI.
- Created RecMyProf, a semantic professor recommender with Pinecone + FastAPI, serving **300+** queries across 200+ professors.

LEADERSHIP

President — *Applied Engineering at SJSU*

- Co-founded Applied Engineering, bridging classroom learning with industry by building student teams to deliver real-world engineering solutions.

Director of Program Management & Lead Mozilla Ambassador — *Responsible Computing Club*

- Led Mozilla partnership & Tech4Good series for 300+ students.

House President (360+ students) | **R&D Head** (70+ schools)

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL, HTML, CSS

Frameworks/Libraries: React Native, ReactJS, Next.js, Spring Boot, FastAPI, Tailwind, ExcelJS, Y.js, Kafka, scikit-learn

Tools & Platforms: Firebase, AWS (EC2, S3, IAM, API Gateway), Redis, Elasticsearch, Docker, Git, Postman, Pinecone, Streamlit, Vercel, HuggingFace