

# Sri Chandramouli

[sri.c@berkeley.edu](mailto:sri.c@berkeley.edu) | San Francisco, CA | [LinkedIn](#) | [srisharan.com](#) | [Github](#)

## EDUCATION

### University of California, Berkeley

*Expected Graduation: December 2024*

*Bachelor of Arts in Computer Science*

- **Coursework:** Full Stack Development, Software Engineering, Database Systems, Computer Security, Artificial Intelligence

*SCET Certificate for Technology & Entrepreneurship*

**May 2024**

## SKILLS

**Languages** - *Proficient:* Java (5 yrs) • Python (5 yrs) • JavaScript (3 yrs) | *Intermediate:* SQL (2 yrs) | *Beginner:* TypeScript (1 yr)

**Software:** AWS • Next.js • React • LangChain • Node.js • Spring Boot • Docker | **Databases:** MongoDB • Firebase • MySQL

**Methodologies:** Agile • Microservice architecture • Agentic architecture • Test driven development • Behavior driven development

## EXPERIENCE

### Tailored Brands

**October 2024 - Present**

*Software Engineering Intern*

*Dublin, CA*

- Rebuilding two highest-traffic pages of the e-commerce site with a new design and user flow to drive increased online sales
- Migrating application and middleware codebases to latest versions of TypeScript, Next.js, and Node.js

### DigPath

**June 2024 - August 2024**

*Software Engineering Intern*

*Berkeley, CA*

- Engineered improved data processing pipeline by decreasing average upload time 67% upon implementing parallelized uploads
- Enhanced platform reliability by achieving a 98% successful upload rate through developing individual retrieval mechanism
- Generated record summaries by creating LLM pipeline with AWS Bedrock, and iterated prompt engineering from user feedback
- Enabled large file uploads by building a Node.js microservice and deploying with AWS services to bypass payload restrictions

### CampLegal

**May 2023 - August 2023**

*Software Engineering Intern*

*San Francisco, CA*

- Reduced report generation time by 15% by enhancing business intelligence reports using Java, Spring microservices, and SQL.
- Cut client onboarding time by 25% by developing a data migration pipeline with Python and SQL scripts.
- Facilitated alignment of stakeholders' vision and prioritized backlog on product proposals, reducing average sprint time by 15%

## PROJECTS

### AI Secretary | (25+ hours) - [Github](#)

**September 2024**

- Built an LLM secretary that can hold conversation with an user, respond with owner's voice, and schedule meetings
- Used Twilio integration for incoming calls and streaming response audio, configured OpenAI to ElevenLabs streaming pipeline for text generation and voice cloning. Used LangChain to provide in-conversation memory to agents.
- Designed agent architecture to stream data via Websockets and bidirectional communication to optimize latency

### AI Rate My Professor - [Github](#)

**August 2024**

- Created a RAG (Retrieval Augmented Generation) chat app for community college students to find professors and ratings
- Used OpenAI API for response generation, setup Pinecone database for knowledge-base search, and Next.js + React for frontend

### DeepSafe

**January 2024 - May 2024**

- Selected from 50+ teams to participate in a university-wide competition, and pitched to Berkeley SkyDeck incubator program.
- Refined MVP based on user needs by conducting usability tests with 20 potential users and building high-fidelity mockups using Figma. Clearly communicated technical concepts and solutions while collaborating with an interdisciplinary team.

## ACTIVITIES

**Headstarter SWE Fellow:** Built 5 AI projects in 5 weeks, and demoed to panel of FAANG engineer mentors **Jul 2024 - Sept 2024**

**Open Source Development:** Make open source contributions to popular projects in TypeScript, JavaScript, and Python

**Product Management Course Coordinator:** Co-teaching UC Berkeley Entrepreneurship division's product management course

**Tech Blog:** Publish blog posts on AI, software engineering, tech landscape, and career resources for students

**Next Level Transfer:** Mentor computer/ data science community college students aiming to transfer to top universities in California