

Sri Chandramouli

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Senior Computer Science student at UC Berkeley with a strong background in developing scalable web applications and customer-centric features using modern technologies. Experienced in Java, Python, JavaScript, and SQL, with hands-on experience in AWS cloud services and microservices architecture.

EDUCATION

University of California, Berkeley

BA in Computer Science

December 2024

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

SCET Certificate for Technology & Entrepreneurship

May 2024

WORK EXPERIENCE

DigPath

June 2024 - Present

Software Engineering Intern

UC Berkeley Skydeck Accelerator

- Optimized data processing pipeline by decreasing average upload time 67% through implementing parallelized uploads.
- Enhanced platform reliability by achieving a 98% successful upload rate through developing individual retrieval mechanism.
- Generated summaries for patient records by creating LLM pipeline with AWS Bedrock, and iterated prompt engineering structure based on user feedback.
- Enabled large file uploads by designing and implementing a serverless architecture using REST APIs, AWS Lambda, and API Gateway to bypass payload restrictions.

Headstarter

July 2024 - Present

Incoming Software Engineering Fellow

San Francisco, CA

- During this fellowship, I will be working on 5 AI projects, weekend hackathons, and one final project with 1000+ users.

CampLegal

May 2023 - August 2023

Software Engineering Intern

San Francisco, CA

- Reduced report generation time by 15% through 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 by collaborating with 3 cross-functional teams on product proposals.

RELEVANT EXPERIENCE & PROJECTS

Next Level Transfer

June 2024 - Present

Mentor

Remote

- Advised students on leadership, interviewing, and project development to help them successfully navigate the transfer process.

DeepSafe

January 2024 - May 2024

Founder

UC Berkeley

- Selected from a highly competitive pool of 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.
- Improved business strategy by iterating technical solution and go-to-market approaches based on insights from 30+ customer interviews.

Lemurs

March 2024 - May 2024

Full-Stack Engineer

UC Berkeley

- Collaborated with backend engineer & designer to build MVP of learning management system using React, Bootstrap, & Node.

SKILLS & INTERESTS

- **Programming Languages:** Java, JavaScript, Python, SQL, HTML/CSS
- **Databases:** MongoDB (NoSQL), MySQL (Relational)
- **DevOps & Cloud:** Git, Docker, AWS Lambda, API Gateway, AWS Bedrock (Generative AI), AWS HealthLake
- **Development Tools:** Spring, Bootstrap, React.js, Node.js
- **Methodologies:** Roadmapping, Jira, Scrum + Agile, Microservice architecture

Interests: learning languages; playing classical flute; tennis; photography; camping; vinyl records;