Sujan Nandikol Sunilkumar

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EDUCATION

San Jose State University **San Jose, California**

BS in Computer Science and Linguistics *Graduation Date: May 2027*

WORK EXPERIENCE

CollegeBot AI **San Jose, California**

Marketing Intern *Apr 2025 - Present*

- Collaborated with the founding team to brainstorm and storyboard short-form video content aimed at increasing user engagement among college students
- Took initiative on early content experiments despite minimal resources or structured direction

SJSU Software & Computer Engineering club **San Jose, California**

Software Engineering Intern *Start Date - Finish Date*

- Working on a Rate my Professor web scraper project with a group of ~10 people to make scheduling classes easier for San Jose State University students.

PROJECT EXPERIENCE

Instagram Ratio fixer **|** *Java, JUnit* *Oct 2024 - Nov 2024*

- Built an Instagram follower-checking tool using Insta4j
- Allowed users to log in, handled **2FA via Duo**, and compared the list of followed accounts vs. followers to identify one-sided follows. Used Java, Insta4j, Maven, and VSCode.
- Verified accuracy with **JUnit tests** using a second test account, then validated results on my account and a few friends' accounts with permission.

Calgentic **|** *Python, Flask, React, Google Auth API* *Mar 2025 - Present*

- Developed **Calgentic**, an AI-powered calendar assistant that intelligently manages and modifies events through natural language prompts.
- Engineered a system leveraging **GPT-4o** to parse user input into a structured JSON format, enabling seamless integration with the **Google Calendar API** for event creation, modification, and retrieval.
- Launched a **local prototype** featuring a user authentication system, interactive prompt-based interface, allowing users to efficiently manage their schedules through AI-driven automation.

Explain Like I'm 5 (ELI5) **|** *Python, Flask, HTML* *Jan 2025 - Feb 2025*

- Built *ELI5*, a web app that provides simple explanations for complex topics. Attracted 90+ users in two weeks, with 10 regular users returning weekly.
- Used Python, Flask, OpenAI API (**GPT-4-Turbo-Preview** model). Stored conversation history with **lure_cache,** allowing users to continue or restart conversations. Used PythonAnywhere to host the web app
- Ensured responses remained simple by formatting the prompt in a specific way, making it function similarly to Perplexity but focused solely on easy-to-understand explanations.

Canvas AI Agent **|** *Python, LangChain, Node js* *Mar 2025 - Present*

- Built an **AI agent** to automate student workflow on Canvas focused on saving time and reduce cognitive load by auto-completing assignments using **LLMs**
- Developed a system using **Playwright** to log into Canvas, scrape due assignments, generate responses via **LangChain + GPT-4**, and store them in Supabase. Built with **Flask** (backend) and **React** (frontend). Currently functional locally with plans for deployment.

SKILLS & INTERESTS

Skills:

- Java, Python, React, javascript
- Flask, Junit, React, LangChain, RAGs, VSCode/Cursor/Loveable.dev/Codex