AMOGH MAKAM

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EDUCATION

Data Science, Sophomore at San Jose State University
GPA: 3.87
Relevant Courses: DSA, Big Data, Applied Probability & Stats, Statistical Programming(R), Discrete Math, Linear Algebra
Clubs: ACM, Spartan Analytics

PROFESSIONAL EXPERIENCE

ACM(SJSU CS Club)
Event Lead   **August 2025 - Present**
- Coordinated and organized speaker events, company networking sessions, hackathons, and technical workshops.
- Oversaw event logistics to ensure smooth execution and high-quality experiences for participants.

Humans in Space
Data Analyst Intern   **June 2023 - August 2023**
- Identified trends in different data sets from patients who were diagnosed with a musculoskeletal injury so that orthopedic specialists could learn more about patient problems.
- Implemented data models and techniques, working 50+ hours to forecast the time of recovery for the injured patients.

PROJECTS

VEIL - AI Privacy Redaction Tool (Won 3rd at CalHacks)   **October 2025**
- Developed an AI-powered privacy shield that detects and redacts sensitive visuals and text in dashcam footage, web content, and AI workflows, all processed locally for maximum security.
- Integrated YOLOv8, OpenCV, and SIM AI for real time license plate and textual redaction; connected BrightData and Claude MCP for privacy-safe data processing.
- Built a Python- and JavaScript-based MCP module enabling seamless, privacy-aware communication between AI models and local systems.

Financial Market Analyst MVP   **July 2025 - September 2025**
- Built an AI-powered pipeline that scraped financial data (news, SEC filings, earnings PDFs), stored embeddings in FAISS, and applied RAG (LangChain + OpenAI) to generate insights.
- Automated daily financial briefs using CrewAI agents for scraping, retrieval, and summarization, delivered via text/Slack.
- Tech Stack: Python, PyMuPDF, FAISS, LangChain, OpenAI API, CrewAI, APScheduler.

SKILLS AND INTERESTS

- **Technical:** Python, SQL, R, Java, HTML/CSS, Prompt Engineering (Vertex AI), Generative AI (text + multimodal)
- **Extracurricular**: Under 19 USA Cricket (West Zone Representative). Lead bowler in the spin-bowling department. Navigated through the opponents batsmen and got them out in order for team success and victory. I have over 9 years of experience.
    - Experienced many ups-and-downs, learned the value of determination, patience, and the ability to perform under any condition.

VOLUNTEER WORK

Volunteer Initiative | Heart to Heart Foundation   **July 2023 - September 2023**
- Hosted Sunil Gavaskar(Internationally famous retired Cricket Player) at my house to fundraise for kids who suffer from congenital heart defects.
- Fundraised $35,000 for nonprofit through conducting outreach to 500+ individuals, which led to sponsoring 14 free surgeries for kids in underdeveloped areas.
- Coordinated all logistics (communication, catering, and timing) to put on a successful event for 80+ attendees.