Aditya Sahasranam
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EDUCATION

Sierra Pacific High School, Hanford, CA   Graduating June 2025

- Varsity Tennis
- Chess Club - Co-Founder and Vice President
- STEM Club - Co-Founder and President
- Academic Decathlon - Vice President

EXPERIENCE

Codin   January 2024 – Present
Founding Engineer
- Identified potential challenges and developed contingency plans to minimize project disruptions.
- Tested and debugged code to ensure performance, scalability, reliability, and security of the application.
- Collaborated with other developers in a team environment to complete complex projects within tight deadlines.

Launch Tech   September 2023 – Present
Co-Founder & Board Member
- Developed and implemented a comprehensive project management application, streamlining the design and development process for client websites, enabling real-time collaboration and feedback between clients and the development team.
- Spearheaded the growth and operational strategies, resulting in the successful delivery of numerous custom websites, enhancing the digital footprint and operational efficiency of local businesses and charitable organizations.

Tech Optimum   September 2022 – Present
Chief Operating Officer
- Successfully scaled an interactive online learning platform to over 1,000+ users, managed 50+ volunteers, and expanded the curriculum to include 30+ free coding courses, significantly contributing to global computer science education access
- Innovative Education Initiative: Initiated and developed an AP Classroom offering comprehensive, free resources for AP Computer Science A (CSA) and AP Computer Science Principles (CSP) students, facilitating beginner to advanced learning pathways
- Overseeing features such as Progress Checks, Quality Video Lessons, and an innovative Coins System, enhancing student engagement and learning

University of Michigan Ann Arbor, Research   May 2024 - Present
Researcher for FABLE
- Conduct research under Dr. Harsha Madhyastha and FABLE Team

Bloon.AI   October 2023 - January 2024
Co-Founder
- Founded and actively developed Bloon.AI, a pioneering startup aimed at revolutionizing the educational technology landscape through innovative AI-driven solutions.
- Transitioned from my role within the core founding team after contributing significantly to the startup's initial development, following venture capitalists' preference for a team composition without high school students in foundational roles, demonstrating a commitment to the venture's success above personal position.

SKILLS

- Web Development Tools: React, NodeJS, NextJS, Flask, FastAPI
- Artificial Intelligence & Machine Learning: Tensorflow, Python, Google Colab/Cloud
- DevOps: Microsoft Azure & AWS Deployments
- Databases:Postgres, MongoDB
- Creative tools: Figma, Premiere Pro, After Effects