Snoopy Matthew

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EDUCATION

Master of Science in Computer Science Aug. 2021 – May 2023
Massachusetts Institute of Technology,Cambridge, Massachusetts *CGPA: 3.9*
Bachelor of Science in Computer Science and Engineering Aug. 2017 – May 2021
Stanford University,Stanford, California *CGPA: 3.8*

EXPERIENCE

Software Engineer Jun. 2022 – Present
Google *Mountain View, California*

- Developed scalable REST APIs using FastAPI and PostgreSQL, reducing response time by 30%
- Collaborated in an Agile team to ship production-level features for a dashboard used by 10,000+ users
- Integrated Docker-based CI/CD pipelines to streamline deployment across multiple environments

Backend Developer Intern May 2021 – Aug. 2021
Amazon *Seattle, Washington*

- Designed microservices architecture to decouple services and enhance system modularity
- Implemented JWT authentication, OAuth2, and role-based access control improving platform security
- Increased API performance by 45% through async optimization and query indexing

PROJECTS

AI-Powered Resume Builder | [Github Link] Jan. 2023– Jun. 2023

- Built a resume parsing tool with OpenAI API to optimize ATS scores using NLP techniques
- Enabled LaTeX-based PDF resume generation with responsive UI and dark/light modes
- Integrated file cleanup and async subprocess management using FastAPI background tasks

Decentralized Chat Application | [GitHub Link] Jul. 2022– Dec. 2022

- Implemented peer-to-peer WebRTC-based video calling and Socket.IO-based real-time messaging
- Built a responsive frontend with React and TailwindCSS, supporting light/dark modes
- Used MongoDB Atlas for scalable chat history storage with encryption

CLUBS AND SOCIETIES

Web Development Lead Jan. 2022 – Jan. 2023
Computer Science Association

- Led a team of 20+ members in developing and maintaining the society's website
- Organized monthly coding workshops and hackathons with an average of 300+ participants

Technical Coordinator Aug. 2021 – May 2022
AI Research Group

- Conducted weekly ML/AI workshops for 50+ students to foster practical implementation skills
- Mentored 10+ juniors in building AI-powered projects and research papers

CERTIFICATIONS

AWS Certified Cloud Practitioner: [Certificate Link]
Google Cloud Professional Developer: [Certificate Link]

ACHIEVEMENTS

ACM ICPC Regional Finalist [Certificate]
Google Hackathon Winner [Project]

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, C++
Frameworks: React, Node.js, FastAPI, Express, Django
DevOps: Docker, GitHub Actions, Jenkins, Kubernetes, NGINX
Databases: PostgreSQL, MongoDB, Redis, Firebase, SQL