SNOOPY SMITH

Bachelor of Technology
Computer Science and Engineering
National Institute of Technology, Trichy

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech,CSE	National Institute of Technology, Trichy	9.2	May 2023
Senior Secondary	Kendriya Vidyalaya, Bhopal	95	May 2021
Secondary	Kendriya Vidyalaya, Bhopal	95	May 2019

EXPERIENCE

- **Google** *May 2022 - Aug. 2022*
  Software Engineering Intern Bangalore, India
  ◦ Developed scalable RESTful APIs with FastAPI and PostgreSQL, improving system throughput by 35%
  ◦ Contributed to production deployment of a microservice used by 10M+ users with Kubernetes & Docker
  ◦ Wrote unit and integration tests achieving 95% test coverage, reducing bugs by 40%

- **TechStart Inc.** *Dec. 2021 - Mar. 2022*
  Backend Developer (Freelance) Remote
  ◦ Built JWT-based authentication and OAuth2 flows for secure API endpoints
  ◦ Designed and deployed CI/CD pipelines using GitHub Actions and Docker
  ◦ Optimized database queries, improving response time by 50%

PROJECTS

- **Smart Resume Optimizer: An ATS-aware resume generation and optimization tool with LaTeX output and NI**
  Tools: FastAPI, OpenAI API, LaTeX, TailwindCSS
  ◦ Integrated OpenAI API to analyze job descriptions and recommend skill alignment
  ◦ Enabled LaTeX resume generation with custom section toggles
  ◦ Used FastAPI background tasks for file management and async processing

- **Decentralized Chat Platform: Peer-to-peer video and text chat system with end-to-end encryption and real-tim**
  Tools: WebRTC, Socket.IO, React, MongoDB
  ◦ Implemented real-time messaging with Socket.IO and MongoDB Atlas
  ◦ Enabled secure peer-to-peer video calling using WebRTC and TURN servers
  ◦ Built a responsive UI with React, Tailwind, and dark/light themes

SKILLS

- **Languages**: Python, JavaScript, C++, SQL
- **Frameworks**: FastAPI, React, Node.js, Express
- **DevOps**: Docker, GitHub Actions, NGINX, Kubernetes
- **Databases**: PostgreSQL, MongoDB, Redis
- **Cloud Platforms**: AWS EC2/S3, Firebase, Railway

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**, Link *2023-03*
- **Full Stack Web Development Specialization - Coursera**, Link *2022-09*

ACHIEVEMENTS

- SIH 2022 Finalist *Certificate*
- CodeChef April Challenge – Top 1% *Contest Link*

POSITIONS OF RESPONSIBILITY

- **Technical Head** TechFusion Coding Club *Jan. 2021*
- **Open Source Mentor** Hacktoberfest NIT Trichy *Jun. 2022*