



**SNOOPY SMITH**  
Bachelor of Technology  
Computer Science and Engineering  
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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech,CSE	Harvard University	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 NLP**  
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-time messaging**  
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