

#### **EDUCATION**

Bachelor of Technology | Computer Science and EngineeringAug. 2019 – PresentPlaceholder Institute of Technology | Bangalore, IndiaCGPA: 9.1Senior SecondaryJun. 2017 – May 2019Placeholder Senior Secondary School | Delhi, IndiaPercentage: 94SecondaryJun. 2015 – May 2017

## WORK EXPERIENCE

# **Software Engineering Intern**

May 2022 – Aug. 2022

Dec. 2021 - Mar. 2022

Remote

Percentage: 96

Placeholder Technologies Pvt Ltd

Placeholder Secondary School | Delhi, India

- Developed and deployed highly scalable REST APIs using FastAPI and PostgreSQL, resulting in a 30% reduction in response time.
- Collaborated effectively within an Agile team to deliver key features for a Fintech dashboard utilized by over 10,000 users.
- Successfully implemented Docker-based CI/CD pipelines to optimize deployment processes across multiple environments

# **Backend Developer (Freelance)**

StartupHub Inc. Remote

- Designed and implemented a robust microservices-based architecture to enhance system modularity and improve scalability.
- Implemented and secured the platform using JWT authentication, OAuth2, and role-based access control.
- Significantly improved API performance by 45% through the strategic implementation of asynchronous optimization and efficient query indexing techniques

# **PROJECTS**

# AI Resume Optimizer

Jan. 2023 - Mar. 2023

## Project Link

- Developed a cutting-edge resume parsing tool leveraging the OpenAI API and NLP techniques to significantly enhance ATS scores.
- Enabled seamless LaTeX-based PDF resume generation, incorporating image and data upload functionalities.
- Integrated advanced file cleanup and asynchronous subprocess management using FastAPI background tasks for enhanced efficiency

## **Decentralized Chat App**

Jul. 2022 - Oct. 2022

#### GitHub Link

- Implemented real-time peer-to-peer video calling using WebRTC and real-time messaging functionality with Socket.IO.
- Developed a highly responsive and user-friendly frontend interface using React and Tailwind CSS, supporting both light and dark modes.
- Utilized MongoDB Atlas for scalable and secure chat history storage with robust encryption techniques

# HONORS AND ACHIEVMENTS

## **Smart India Hackathon Finalist**

Aug. 2022

Secured a Top 5 national ranking among 500+ teams by developing an innovative Chatbot

Certificate Link

# **CodeChef Long Challenge Top 1%**

Apr. 2023 Contest Link

Achieved a remarkable global ranking within the top 150 out of 20,000+ people

# **CLUBS AND SOCIETIES**

Technical Head Jul. 2021 - Mar. 2023

Coding Club - TechFusion

- Successfully led and organized workshops on Git, DevOps, and competitive programming, engaging over 300 participants.
- Mentored and guided 10+ junior members in open-source development projects, actively contributing to Hacktoberfest initiatives

## **CERTIFICATIONS**

# AWS Certified Cloud Practitioner Full Stack Development - Coursera

Certificate Link Certificate Link

# **SKILLS**

**Languages**: Python, JavaScript, C++

Frameworks: FastAPI, React, Node.js, Express

**DevOps**: Docker, GitHub Actions, Kubernetes, NGINX **Tools**: Postman, Figma, VS Code, MongoDB Compass

Cloud: AWS EC2, S3, Firebase, Railway