

VAIBHAV

✉ vikashvaibhav584@gmail.com | 🌐 github.com/Vaibhav586 | 📄 linkedin.com/in/vaibhav-rajiv-kumar-53177a333 | 🌐 vaibhavvikash.me | 📞 9835243338

Education

SRM Institute of Science & Technology
B.Tech in Computer Science (AI & ML) — 2022–2026

CGPA: 7.4 (74%)
Chennai, India

Experience & Internships

Zero Trust Cloud Security Virtual Internship
Intern — Supported by Zscaler

Oct – Dec 2024
Remote

- Completed a 10-week program focused on **Zero Trust Cloud Security** and governance models.
- Worked on cloud protection strategies and gained hands-on exposure to securing infrastructure.

OpenRAG — DocDynamo
Beta Tester (Internship)

Jan – Mar 2025
Remote

- Contributed as a **Certified Beta Tester** for DocDynamo, an AI-powered document automation platform.
- Tested and validated NLP-driven features, providing actionable feedback to improve accuracy and usability.
- Collaborated with the development team to identify bugs, optimize workflows, and enhance end-user experience.

Projects

Generative AI Notes Summarizer
Full Stack Developer

2025

- Built a full-stack web app to summarize text and PDFs using OpenAI API + LangChain.
- Backend with Flask integrated to MongoDB for CRUD operations and history storage.
- Implemented authentication, reusable modules, and real-time API calls for scalability.

Spring Boot To-Do API
Backend Developer

2024 – 2025

- Designed a RESTful CRUD API using Spring Boot + Hibernate (JPA) with MySQL integration.
- Implemented DTOs, validation, and exception handling for reliable and clean code practices.
- Containerized with Docker, improving scalability & enabling parallel request handling.

AI-Powered Assistive Vision System
Lead Developer

2023 – 2024

- Developed a real-time object detection system using YOLOv5 + TensorFlow achieving 95% accuracy.
- Optimized Raspberry Pi deployment with multithreading for 30 FPS low-latency processing.
- Enhanced navigation accuracy by 40% through custom vision algorithms.

Leadership & Experience

Discipline Team Head — Directorate of Student Affairs (Milan)
SRMIST

2024 – 2025

- Led a 25-member discipline team during Milan, SRM's cultural festival with 20,000+ participants.
- Coordinated with faculty and security to ensure safety, order, and smooth event execution.
- Resolved conflicts quickly and enforced structured discipline protocols.

Committee Head — Team Envision (Aaruush)
SRMIST

2024 – 2025

- Supervised 40+ developers to implement AI/ML & software solutions for campus-wide challenges.
- Organized coding workshops and mentored peers in Python, Java, DSA, and backend development.

Technical Skills

Languages: Python, JavaScript, Java, SQL
Frameworks: React.js, Spring Boot, Flask/FastAPI
Databases: MongoDB, MySQL
AI/ML: TensorFlow, PyTorch, Scikit-learn, OpenAI API, Hugging Face, Pandas, NumPy, OpenCV
Core: OOP, Data Structures & Algorithms, REST APIs, Parallel Processing (multithreading/multiprocessing)
Tools: Git, Docker, Linux, AWS (Basics)

Certifications

- Oracle Cloud Infrastructure Associate (1Z0-1085-24)
- Introduction to Responsible AI — Google Cloud (Coursera)
- Zero Trust Cloud Security — AICTE