

# Manas Kumar

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## EDUCATION

### KIET Group of Institutions, Ghaziabad

B.Tech in Computer Science and Engineering | CGPA: 7.66

Aug. 2023 – May 2027

Ghaziabad, India

- **Coursework:** Data Structures, Algorithms, Operating Systems, Object-Oriented Programming

## EXPERIENCE

### Coding Samurai

Android Developer Intern

Oct. 2025 – Nov. 2025

Remote

- Developed **production-ready Android apps** using Kotlin, Jetpack Compose, and Firebase
- Implemented authentication, real-time databases, and responsive UI with **agile workflows**

### Deloitte Australia

Cybersecurity Virtual Intern

2025

Remote

- Conducted simulated **risk assessments and vulnerability analysis**; delivered incident response reports

### Hackathons & Open Source

Contributor & Finalist

2023 – Present

India

- **Finalist at GIH Hackathon 2025** (Galgotias College), selected from 120+ teams
- Built solutions across **7+ hackathons**; contributor at **GSSoC** and selected for **OSCI 2025**

## PROJECTS

### CropSense Full-Stack Crop Disease Detection | Kotlin, FastAPI, TensorFlow, CNN | [GitHub](#)

2025

- Built an Android app with Jetpack Compose for real-time crop disease detection via leaf image capture
- Trained CNNs to classify **38+ diseases with 95%+ accuracy**; deployed FastAPI backend on Render
- Implemented multipart uploads, async networking, and **sub-second inference latency**

### MEDILEDGER Blockchain Patient Data System | Node.js, Blockchain, IPFS, React | [GitHub](#)

Ongoing

- Designed a **decentralized patient data system** with blockchain access control and IPFS storage
- Developed RESTful APIs to manage patient, doctor, and medical record workflows

## SKILLS

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

**Mobile & Frontend:** Android Studio, Jetpack Compose, Firebase, Retrofit, Hilt, React

**Backend & AI/ML:** Node.js, FastAPI, Spring Boot, TensorFlow, Keras, CNNs, NLP

**Databases & Tools:** MySQL, MongoDB, SQLite, Room DB, Git, Docker, Postman, Figma, n8n

**Competitive Programming:** LeetCode (1560+), Codeforces (1100), 400+ problems solved

## CERTIFICATIONS

Palo Alto Networks Cybersecurity (99%) | UiPath Automation Foundation | [Certificate Portfolio](#)