SIDDHIKA AGARWAL

Github   **Leetcode**   India, Ghaziabad |+91 7355715527 | siddhikafeb21@gmail.com   **Certificates**   **LinkedIn**

EDUCATION

KIET GROUP OF INSTITUTIONS, GHAZIABAD
Bachelor of Technology (B.Tech)   **Sep 2023 -Aug 2027**
Major in Artificial Intelligence : **Cumulative CGPA: 9.09**

SHRI SHANKAR MUMUKSHU VIDHYAPEETH, SPN   **Apr 2022- Mar 2023**
Intermediate; 99.2% (Percentage) : Majors in Physics, Chemistry, and Mathematics.

SKILLS SUMMARY

Languages: - C/C++, Python, Java, JavaScript.
Tools& Tech.: - Git, Vs-Code, MongoDB, Canva, IntelliJ.
Core Skills:- DSA, DBMS , MySQL, Operating-System, Object-Oriented-Programming.
Soft skills:- Leadership, Event Management, Designing, Public Speaking, Team Management.

PROJECTS

InventoPro   **Nov 2025 -Present**
● **Engineered** a full-stack **Inventory Management System** using **MongoDB, Express.js, React (Vite), and Node.js**, supporting **1,000+ products**, **3+ role-based user profiles (Admin, Inventory Manager, Sales)**, and **20+ RESTful APIs**to enable **real-time inventory tracking, purchase/sales workflows, and operational dashboards**.

● **Architected and implemented JWT-based authentication and RBAC**, designed **5+ normalized MongoDB collections with indexed queries**, and delivered **interactive analytics dashboards**, improving inventory visibility and reducing manual tracking effort by **~40%**.

Suraksha Yatri   **Sep 2025- Nov 2025**
● Built a **travel safety system** with **real-time location tracking** and **emergency alerts**, supporting **100+ users** during pilot testing.

● Implemented **AI-based risk assessment** using contextual data (location, time, patterns) to improve **commuting safety by 30%**.

Green Plastic   **Nov 2024 -Dec 2024**
● Developed a **low-cost, biodegradable plastic** using **natural biopolymers**, achieving an estimated production cost of **₹1–2 per unit** as an alternative to conventional plastics.

● Enhanced **mechanical strength and durability** by incorporating **nano-additives** while maintaining **biodegradability**, earning **Winner – Innotech 2K24 (CSE-AI Department)**.

ACHIEVEMENTS

• **AWS Certified Cloud Practitioner** – Knowledge of **10+ AWS services**, cloud architecture, security, and pricing models.
• **Palo Alto Networks Cybersecurity** – 5+ domains: network security, threat prevention
• **Elements of AI (University of Helsinki)** – 6 modules: AI fundamentals, ML, ethics
• **Introduction to MongoDB** – NoSQL modeling, CRUD, indexing