

Sonu Kumar

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[linkedin.com](https://www.linkedin.com)

[Portfolio](#)

[35sonu](#)

[leetcode.com](#)

EDUCATION

G.L. Bajaj Institute of Technology and Management (AKTU)

B.Tech in Computer Science and Engineering (AI & DS) – CGPA: 7.67

2022 – 2026

Greater Noida, Uttar Pradesh

GDMIS, Muzaffarpur (CBSE)

Senior Secondary (12th Grade) – 78%

2021

Muzaffarpur, Bihar

GDMIS, Muzaffarpur (CBSE)

Matriculation (10th Grade) – 87.3%

2019

Muzaffarpur, Bihar

PROJECTS

• **WasteWise** — Smart Waste Management Platform

[GitHub](#) | [Live Demo](#)

Tech Stack: MongoDB, Express.js, React (Next.js), Node.js, Docker, AWS, TensorFlow

- Built an AI-powered waste classifier (**94% accuracy**) using CNN (MobileNetV2) with FastAPI backend.
- Enabled issue reporting with geolocation (Leaflet.js) and image uploads (Cloudinary).
- Designed an admin dashboard with data filters, heatmaps, and optimized routes for collectors.

• **Affiliate Postback Tracking System**

[GitHub](#) | [Live Demo](#)

Tech Stack: Node.js, Express, PostgreSQL, Next.js

- Developed an affiliate tracking system for clicks, conversions, and fraud detection.
- Implemented postback logic for real-time affiliate conversion tracking.
- Built dashboards with analytics: clicks, conversions, and campaign performance trends.

• **Smart Farming Platform**

[GitHub](#) | [Live Demo](#)

Tech Stack: Android, Firebase, AI Chatbot

- Developed an Android app with 50+ test users to access crop prices, logistics, and chatbot support.
- Integrated Firebase Auth & Realtime DB for secure user sync across devices.
- Improved farmer-market reach by **40%** in pilot testing.

TECHNICAL SKILLS

Languages	C, C++, Python, Java, Kotlin, SQL (PostgreSQL)
Frontend	React.js, Next.js, TailwindCSS
Backend	Node.js, Express.js, REST APIs, WebSockets
Databases & Tools	MongoDB, PostgreSQL, Docker, Firebase, Git, GitHub
OS	Linux, Windows, Android
Other Tech	Embedded Systems, Linux Kernel, Networking Protocols

CODING PROFILES

- **LeetCode:** Solved **250+** problems
- **GeeksforGeeks:** Solved **200+** problems

ACHIEVEMENTS

- **Smart India Hackathon participant** – Ministry of Education
- **Runner-up, HackOClock**

CERTIFICATIONS

- **Amazon AWS Virtual Internship:** AICTE
- **Android Development Internship:** Google via AICTE
- **Cisco Networking Academy:** Networking Basics