

KUMAR NIHAL

Full Stack Developer with AI Experience

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Full Stack Developer skilled in building modern web applications using Next.js. Comfortable adding AI-based features using LLM workflows and basic Python when needed. Experienced in creating practical, user-focused products like EcoTrack, Esmarty, and Sampark. I focus on clean code, good architecture, and building things that work smoothly in real-world use.

PROJECTS

[Esmarty](#) — AI-Powered Chrome Extension

A lightweight Chrome Extension that transforms how you interact with web content using AI-powered features.

[EcoTrack](#) — Waste Management Platform

A modern, efficient, and scalable waste-management platform built to empower **citizens, staff, authorities, and system administrators** to collaborate and keep cities cleaner.

Sampark — Hyperlocal Community Platform (In Progress)

A community-driven application where residents can post needs, connect, and receive fast responses. Built with module-based development, structured backend flows, and Next.js routing and UI systems.

SKILLS

- **Languages & Frameworks:** JavaScript, Next.js.
 - **Development Tools:** Git, GitHub, REST APIs, JSON, Postman, Thunder Client
 - **AI & Automation (Secondary Skills):** LLM Workflows, AI-Augmented Features, Prompt Engineering, Python (used for AI workflows & automation only)
 - **Cloud Platform:** Amazon Web Services (AWS)
 - **Core Strengths:** Software Architecture, Problem Solving, Communication, Planning, Agile Development, Cost Optimization
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EDUCATION

Bachelor of Computer Application (BCA)

Vinoba Bhawe University, Hazaribagh, Jharkhand

CERTIFICATIONS

- AWS Educate – Intro to Generative AI & ML Foundations
- Oracle Cloud Infrastructure 2025 – Certified Generative AI Professional