KESHAV KUMAR SHARMA

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LinkedIn | GitHub | Portfolio

PROFILE

Second-year B.Tech Computer Science (Software Engineering) student who has built and deployed full-stack applications using React, Next.js, Node.js/Express, Flask, MongoDB, and PostgreSQL. Hands-on experience with OAuth/JWT authentication, payment-gateway integration, API security, and workflow automation. Seeking a Web Developer / Full-Stack Internship to contribute to production applications.

EDUCATION

Bachelor of Technology (B.Tech) — Computer Science & Engineering (Software Engineering)
Vivekananda Global University, Jaipur, Rajasthan
Expected Graduation: 2029

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, SQL

Frontend: React, Next.js, Vite, HTML, CSS, Tailwind CSS, shadcn/ui, Recharts

Backend & APIs: Node.js, Express.js, Flask, REST APIs, JWT, Google OAuth 2.0, Razorpay API, Gmail API

Databases: MongoDB (Mongoose), PostgreSQL (Supabase)

Security, Testing & Tools: bcrypt, rate limiting, Helmet, input sanitization, Pytest, Git, GitHub, Vercel, n8n

PROJECTS

TaskFlow | *Full-Stack Developer* | *Personal Project*
github.com/Keshav0459-prog/taskflow

- Built a collaborative task-management platform (Next.js, React, TypeScript, Tailwind CSS, Flask, Supabase PostgreSQL) with a Kanban board, Gantt-style timeline, task comments, and analytics dashboards using Recharts.
- Designed an 11-endpoint REST API secured with Google OAuth 2.0 (PKCE) and JWT verification, creator/assignee-based authorization, IP-based rate limiting, and HTTP security headers.
- Automated Gmail API notifications with PostgreSQL audit logging; wrote 15 pytest tests covering auth middleware, task permissions, and email-failure handling. Deployed the frontend on Vercel.

Dukaan Marketplace | *Full-Stack Developer* | *Personal Project*
GitHub | Live Demo

- Built a MERN e-commerce marketplace (React, Vite, Node.js, Express, MongoDB) with search, filters, cart, wishlist, checkout, and order tracking; deployed the storefront on Vercel.
- Integrated Razorpay payments with server-side HMAC signature verification and webhooks; implemented customer, seller, and admin roles with a seller-approval workflow.
- Implemented 29 REST endpoints secured with JWT, bcrypt, rate limiting, Helmet headers, and NoSQL-injection sanitization; added AI-based price comparison via the Gemini API.

SecureChain-DMS | *AI + DevOps Contributor* | *Smart India Hackathon (SIH) 2026, PS 26190*
github.com/PratikAgarwal43/SecureChain-DMS

- Built the OCR module for automated document processing as part of the project's AI pipeline.
- Developing Docker-based containerization and the deployment pipeline for the system.

Eco-Command | *UI Developer* | *Team Project (3 members) — Smart Municipal Waste Management*
github.com/Shreyash-coder40/MUNICIPAL_PARTY_WASTE_SEGREGATION_WEBSITE

- Developed the admin dashboard UI with HTML and CSS, styling the fleet-tracking and bin-monitoring views.
- Integrated the Ola Maps API to display waste-collection vehicle locations on an interactive map; teammates built the AI classification model and IoT firmware.

CERTIFICATIONS & WORKSHOPS

- AI Agents 201 — Hands-On Workshop, NxtWave (NIAT) — April 2026
- Hack the Human Signal — Robotics & Advanced Technologies Team, NIAT — February 2026
- Murf.AI — Hands-On App Building Workshop — January 2026