Shanidhya Kumar

Portfolio Github LeetCode LinkedIn

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SUMMARY

Passionate Full-Stack Developer skilled in creating fast, intelligent web apps using MERN, Next.js, and LLM APIs. Experienced in VS Code extensions, open-source contributions, and crafting seamless user experiences.

EDUCATION

Dayananda Sagar College of Engineering, Bangalore — **CGPA: 9.71 (4th Sem)**
B.E in Computer Science & Engineering (IoT & Cyber Security) — *2023 – 2027*

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, TypeScript
Frontend: HTML, CSS, React.js, Tailwind CSS, Next.js, Framer Motion, Shadcn/UI
Backend: Node.js, Express.js
Databases: MongoDB, SQL
Cloud & Deployment: Firebase, Vercel, Clerk, Appwrite, Prisma ORM, Cloudinary API
Developer Tools: Git, GitHub, Postman, VS Code Extension Development

EXPERIENCE

Open Source Contributor — **Oct 2025**
Hacktoberfest 2025 — Remote
- Earned the Hacktoberfest 2025: **Supercontributor Badge** with 6+ accepted PRs across multiple open-source projects.
- Enhanced frontend interfaces, backend functionality, and documentation through impactful contributions.
- Ranked among the **Top 10,000 Global Contributors**, earning the limited-edition Hacktoberfest T-shirt.

PROJECTS

BioTrace — **Sept 2025**
AI eDNA Analysis Pipeline — *Flask, Python, Machine Learning*
- Built an AI-driven pipeline for detecting and annotating deep-sea taxa from raw DNA reads.
- Used unsupervised embeddings and clustering to reduce reliance on reference databases.
- Delivered fast, dashboard-ready outputs for biodiversity analysis.

CodeInsight – AI Code Reviewer — **Nov 2025**
VS Code Extension & Web App — *TypeScript, React, Node.js, Express, OpenRouter API*
- Built a VS Code extension and web interface enabling AI-driven, real-time code reviews using OpenRouter API.
- Designed responsive UIs and efficient backend architecture for fast, contextual feedback on source code.

Expense Tracker — **July 2025 – Aug 2025**
Personal Finance Manager — *React, Vite, Tailwind CSS, Authentication*
- Developed a secure personal finance app with authentication and real-time expense tracking.
- Implemented validation mechanisms and a clean mobile-first interface.

BookVault — **Oct 2025**
Library Management System — *React • Node.js • MongoDB • Tailwind CSS*
- Created a full-stack library app with secure user/admin workflows, borrow/return logic, wait-lists and fine tracking.
- Developed RESTful backend, scheduled email reminders, and responsive UI with dark/light mode toggle.

Resume Builder — **Oct 2025**
Custom Resume Builder Web App — *Next.js • React • Tailwind CSS • Redux Toolkit*
- Built a responsive resume builder with live editing, multiple templates, and one-click PDF/HTML export.
- Implemented state management with Redux Toolkit and ensured seamless performance using Next.js App Router.
- Enhanced user experience with auto-save, real-time preview, and mobile-first design.

BlinkChat — **Aug 2025**
Real-Time Chat Application — *MERN, Socket.IO, Tailwind CSS*
- Built a real-time chat application with authentication and WebSocket-based messaging.
- Designed a dark-mode-enabled responsive UI with smooth animations.

Shoporia — **Oct 2025**
E-Commerce Platform — *MERN, Redux, Tailwind CSS, Firebase, Express.js*
- Developed a full-stack e-commerce platform with user authentication and order management.
- Built an admin dashboard for product CRUD operations, analytics, and stock management.
- Integrated Firebase for authentication, Cloudinary for media uploads, and Redux for state handling.

EXTRACURRICULARS

LeetCode Problem Solver **July 2024 – Present**

– Solved 700+ problems, maintaining a global rank of **62,299**.
– Regular participant in coding contests, improving problem-solving speed and accuracy.

ACHIEVEMENTS & CERTIFICATIONS

- **LeetCode:** Solved 600+ problems; Global rank 61,992*.

- Gained hands-on exposure to **AI, ML, and next-generation networking (5G/6G)** during an industrial visit to **Nokia**, interacting with domain experts.

- **Certifications:**

  – Cisco: Cybersecurity Essentials, JavaScript, Python
  – Postman API Fundamentals
  – AI Foundation & Machine Learning