

# Shanidhya Kumar

[Portfolio](#) [Github](#) [LeetCode](#) [LinkedIn](#)

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## EDUCATION

**Dayananda Sagar College of Engineering, Bangalore**

*B.E in Computer Science & Engineering (IoT & Cyber Security)*

**CGPA: 9.71 (4th Sem)**

*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

## 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.

### AI Chatbot

**June 2025 – July 2025**

*Real-Time Chat with LLMs*

*Next.js, TypeScript, Google Gemini AI, Tailwind CSS*

- Built a real-time AI chatbot with streaming responses and intelligent conversation handling.
- Integrated dark/light mode, one-click message copy, and responsive design for seamless UX.
- Optimized client performance with lightweight animations and smooth scrolling.

### 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.

### Shoporla

**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.

## INDUSTRY EXPOSURE

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

## EXTRACURRICULARS

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### 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

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- **LeetCode:** Solved 600+ problems; Global rank 91,992.
- **Certifications:**
  - Cisco: Cybersecurity Essentials, JavaScript, Python
  - Postman API Fundamentals
  - AI Foundation & Machine Learning