

# Shanidhya Kumar

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## Education

### Dayananda Sagar College Of Engineering

B.E in Computer Science & Engineering (IoT & Cyber Security)  
CGPA: 9.71 (4<sup>th</sup> Sem)

2023- 2027

Bangalore, India

## 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,  
**Developer Tools:** Git, GitHub, Postman

**Database:** MongoDB, SQL  
**Cloud & Deployment:** Firebase, Vercel, Clerk, Appwrite, Prisma ORM, Cloudinary API

## Experience

### Open Source Contributor

Hacktoberfest 2025 | Remote

OCT 2025

- 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 | AI eDNA Analysis · Flask, Python, Machine Learning

Sept 2025

- 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.

### WriteWave | Blog Platform · React, Express.js, MongoDB, Firebase, Redux, Tailwind CSS

Sept 2025

- Built a **full-stack blogging app** with JWT authentication and rich text editor.
- Implemented **image uploads, comments, and post categorization** for interactive content.
- Designed a **responsive, modern UI** with Redux and Tailwind CSS.

### AI Chatbot | Next.js, TypeScript, Google Gemini AI, Tailwind CSS

June 2025 – July 2025

- 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 custom scrollbars and lightweight animations.

### Expense Tracker | React, Vite, Tailwind CSS, Authentication

July 2025 – Aug 2025

- Developed a **secure personal finance app** with authentication, profile upload, and expense categorization.
- Implemented **real-time balance tracking** with validation to prevent errors.
- Designed a **mobile-first, accessible UI** with responsive layouts.

### BlinkChat | MERN, Socket.IO, Tailwind CSS

Aug 2025

- Built a **full-stack real-time chat app** with secure authentication and WebSocket messaging.
- Designed a **responsive, modern UI** with dark mode and smooth animations for seamless UX.
- Deployed on cloud with **optimized MongoDB queries** for scalability and performance.

### Victoria AI Assistant | React, Google Gemini AI, Speech Recognition, Voice Synthesis

July 2025

- Created a **voice-activated AI assistant** for navigation, queries, and contextual conversation.
- Integrated **real-time speech recognition and natural-sounding voice synthesis**.
- Delivered a **cyberpunk-themed responsive UI** with animations and glassmorphism effects.

### README Generator | React, TypeScript, Vite, Tailwind CSS, Supabase (Edge Function)

Aug 2025

- Built a tool that **generates structured README files** from GitHub repos using metadata heuristics.
- Added **Markdown preview, theme toggle, copy/download actions, and AI-assisted enrichment**.
- Delivered a **polished developer experience** with responsive design and keyboard shortcuts.

## Industry Exposure

### Nokia Technology Visit

- Gained hands-on exposure to AI, ML, and next-generation networking (5G/6G) through an industry visit to Nokia, with opportunities to interact with domain experts.

## Extracurriculars

### LeetCode Problem Solver

July 2024 – Present

- Solved a wide range of algorithmic and data structure problems, strengthening coding proficiency.

- Consistently participate in contests, enhancing **problem-solving speed, accuracy, and competitive ranking**.

## Achievements & Certifications

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

Profile

Certification