# Education

Shanidhya Kumar

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**Dayananda Sagar College Of Engineering 2023- 2027**

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

CGPA: 9.71 (4th Sem)

*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****.*

# [Project](https://shanidhyakumar.vercel.app/)s

## 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

* **LeetCode *:*** *Solved 600+ problems; global rank ~91,992.(profile linked)* [Profile](https://leetcode.com/u/luckykumar0011s/)
* **Certifications:** [Certification](https://drive.google.com/drive/folders/1uJlAeWqoHq4Sd0PLpwtZGZ1q0wsI39RR)
* *Cisco: Cybersecurity Essentials, JavaScript, Python*
* *Postman API Fundamentals*
* *AI Foundation & Machine Learning*