

Shanidhya Kumar

+91 9905583008 luckykumar0011s@gmail.com Shanidhya Kumar Shanidhya01

Education

Dayananda Sagar College Of Engineering <i>B.E in Computer Science & Engineering(IoT & Cyber Security) </i> CGPA: 9.71 (4 th Sem)	2023- 2027 <i>Bangalore, India</i>
--	--

Technical Skills

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

Projects

BioTrace AI eDNA Analysis · Flask, Python, Machine Learning	Sept 2025
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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

<ul style="list-style-type: none">LeetCode : Solved 500+ problems; global rank ~91,992.(profile linked)	Profile
<ul style="list-style-type: none">Certifications:<ul style="list-style-type: none">Cisco: Cybersecurity Essentials, JavaScript, PythonPostman API FundamentalsAI Foundation & Machine Learning	Certification

