

# Shanidhya Kumar

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

Email: luckykumar0011s@gmail.com

Mobile: +91-9905583008

## SUMMARY

Full-Stack Developer with hands-on experience building secure, scalable web applications using MERN and Next.js. Strong focus on backend systems, authentication, access control, and AI-powered developer tools. Active open-source contributor with solid foundations in data structures and real-world system design.

## EDUCATION

**Dayananda Sagar College of Engineering, Bangalore**

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

**CGPA: 9.71**

*2023 – 2027 (Expected)*

## 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

**Concepts:** REST APIs, JWT Authentication, Role-Based Access Control, Secure File Handling, System Design Basics

**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*

- Contributed 6+ accepted pull requests across multiple open-source repositories, improving frontend UI, backend logic, and documentation quality.
- Collaborated with global maintainers using GitHub workflows, issue tracking, and code reviews.

## PROJECTS

### SecureShare

**Jan 2026**

*Secure File Sharing System*

*Next.js, Node.js, MongoDB, JWT*

- Designed and built a secure file-sharing platform with password-protected uploads, expiry-based access, and limited download counts.
- Implemented JWT-based authentication and enforced access constraints at the API layer to prevent unauthorized downloads.
- Architected an end-to-end workflow covering file upload, metadata storage, token validation, expiry handling, and controlled file delivery.

### AXIONYX

**Jan 2026**

*Student Productivity & Academic Management Platform*

*Next.js, Node.js, MongoDB, APIs*

- Developed a comprehensive student productivity platform integrating attendance tracking, assignment management, study sessions, career planning, and social features.
- Designed and implemented modular backend services to manage academic data, scheduling, and user workflows within a unified system architecture.

### Journeyzer - Smart Itinerary Generator

**Jan 2026**

*Smart Travel Planning Platform*

*Next.js, Node.js, MongoDB, Firebase, APIs*

- Built an end-to-end travel planning platform that generates personalized, budget-aware, day-wise itineraries based on user preferences.
- Implemented Firebase authentication, JWT-secured backend APIs, trip persistence, and on-demand PDF itinerary export.

### CodeInsight – AI Code Reviewer

**Nov 2025**

*VS Code Extension and Web App*

*TypeScript, React, Node.js, Express, OpenRouter API*

- Built a VS Code extension enabling AI-powered, real-time code reviews with contextual feedback using LLM APIs.
- Enabled faster developer feedback loops by automating code analysis and review during development.

### BioTrace

**Sept 2025**

*AI eDNA Analysis Pipeline*

*Python, Flask, Machine Learning*

- Developed an AI-driven pipeline to detect and annotate deep-sea taxa from raw environmental DNA reads.
- Applied unsupervised embeddings and clustering techniques to reduce dependency on reference databases.

## ACHIEVEMENTS & EXTRACURRICULARS

- **LeetCode:** Solved 700+ problems; Global Rank 62,299.
- **Industrial Visit – Nokia (5G/6G Lab):** Exposure to AI, ML, and next-generation networking.
- **Certifications:** Cisco (Cybersecurity Essentials, Python, JavaScript), Postman API Fundamentals, AI Foundation & Machine Learning.