Sandeep Gupta

GitHub — LinkedIn

Email : sandeep.iiit2022@gmail.com

Mobile : +91-8239960427

EDUCATION

Indian Institute of Information Technology, Ranchi — CGPA: 7.84
B.Tech in Computer Science and Engineering — *2022 – 2026*

EXPERIENCE

Code IT Solution Pvt. Ltd. — Remote
Full-Stack Developer Intern — *June 2024 – July 2024*

- **Backend & Frontend Development**: Designed and implemented scalable RESTful APIs and reusable UI components using Node.js, Express.js, and React.js; followed modular architecture and component-driven design.
- **API Optimization & Testing**: Improved endpoint reliability and performance by profiling and debugging, and validated integrations with comprehensive Postman test collections and API contracts.
- **Collaborative Agile Development**: Delivered features in Agile sprints using Git-based workflows, code reviews (PRs), CI-friendly practices, and maintained version control and deployment readiness.

E-Cell, Indian Institute of Information Technology Ranchi — Ranchi, India
Coordinator – Social Media and Marketing Team — *June 2023 – Present*

- **Content Research & Strategy**: Researched and wrote data-driven posts on entrepreneurship, business, and finance to align with audience interests and SEO-oriented keywords.
- **Brand Growth & Engagement**: Planned and scheduled campaigns that increased engagement and follower growth through consistent content cadence and performance tracking.
- **Cross-functional Collaboration**: Worked with design and marketing teams to ensure consistent content and timely delivery.

PROJECTS

Quick AI – AI-Powered SaaS Platform: Full-stack AI platform using React.js, Node.js, PostgreSQL, OpenAI, and Gemini; includes AI text/image generation, resume builder, secure auth (Clerk), and Cloudinary media pipeline. GitHub — Live Demo

Airline Booking System – Microservices Architecture: Scalable reservation system built with Node.js, Express, MySQL, Sequelize, RabbitMQ, and JWT; uses microservices, async messaging, transactional booking, and cron-based notifications. GitHub

Router Endpoints Detector – NPM Package: Open-source CLI tool for static route analysis using Node.js, AST (Acorn), and Express.js; auto-detects API routes and generates documentation. 180+ downloads. GitHub — npm Package

PROGRAMMING SKILLS

Languages: C++, Python, JavaScript, TypeScript, SQL
Frameworks & Libraries: React.js, Express.js, Node.js, Tailwind CSS
Backend & APIs: REST APIs, Microservices, Authentication (JWT, Clerk)
Cloud & DevOps: AWS, Docker, Linux, CI/CD, Git, GitHub, Postman, RabbitMQ
Databases: MySQL, MongoDB, Sequelize ORM, Redis
AI/ML Tools: OpenAI API, Gemini API, Prompt Engineering.
Core CS Concepts: DSA, OOP, DBMS, Computer Networks, Agile Methodology
Soft Skills: Problem Solving, Self-Learning, Team Management, Adaptability, Communication

ACHIEVEMENTS

Harvard Aspire Leaders Fellowship 2024: Selected as a global fellow for a 9-week leadership and entrepreneurship program conducted with Harvard faculty.
Open-Source Contributions: Contributed 10+ PRs during Hacktoberfest 2024 and participated in GSSoC 2024 in backend and full-stack projects.
Competitive Programming: Solved 500+ problems on LeetCode and CodeChef; strong fundamentals in DSA, SQL, and problem-solving.
Published NPM Package: Developed and published the CLI tool "routender," reaching 180+ downloads.