ANKIT SAHA

Information Technology Undergraduate | Full-Stack (MERN) Developer
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PROFESSIONAL SUMMARY

Results-driven Information Technology undergraduate skilled in Java, Full-Stack MERN Development, and RESTful API Architecture. Proven track record designing high-performance web systems and AI-integrated applications, with recognized technical leadership in national hackathons (Smart India Hackathon 2024, Hacktropica 2025) and published research in computing innovations.

EDUCATION

Asansol Engineering College Sep 2023 – June 2027
Bachelor of Technology in Information Technology – CGPA: 8.25/10 *Asansol, WB*

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6+), SQL, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS
Databases: PostgreSQL, MongoDB (Mongoose)
Tools & Platforms: Git, GitHub, Postman, Vercel, Groq API, VS Code
Core Competencies: Data Structures & Algorithms (DSA), OOP, DBMS, Computer Networks, RESTful APIs

WORK EXPERIENCE

Dxt Creators — Web Developer Intern July 2025 – Oct 2025
Remote

- Engineered and deployed responsive full-stack features using React.js, Node.js, Express.js, and MongoDB in an Agile development environment.
- Designed and integrated 10+ RESTful API endpoints, standardizing client-server data exchange and reducing response latency.
- Optimized MongoDB schemas and aggregation pipelines, enhancing query performance and data consistency across application modules.
- Conducted cross-browser testing to resolve critical frontend defects, ensuring seamless UI responsiveness and cross-platform stability.

PROJECTS

MINO – AI-Powered Career Platform GitHub
React.js, Node.js, Express.js, Groq API, Tailwind CSS

- Architected an AI-driven recruitment web platform integrating the Groq LPU API to analyze candidate resumes against 50+ industry job descriptions in real time.
- Engineered parsing and keyword-matching algorithms across 3+ workflows to detect skill gaps and output targeted ATS score optimizations.
- Built an end-to-end user dashboard featuring automated resume scoring, personalized job discovery filters, and persistent application tracking.

GreenOx – AI Waste Management & Gamification Platform GitHub
React.js, Node.js, MongoDB, REST APIs

- Built an AI-enabled waste classification platform tested across 50+ active users, streamlining sustainable disposal and recycling workflows.
- Developed a dynamic gamification engine with real-time point accrual, milestone rewards, and interactive leaderboards to boost user retention.
- Designed a mobile-first, component-based responsive interface using React.js and Tailwind CSS, lowering interaction friction and page load times.

ACHIEVEMENTS & LEADERSHIP

- **Research Publication:** Authored and presented a research paper accepted at the National Conference on Computing and Communication Innovations (NCCCI 2025).
- **Smart India Hackathon 2024:** Led a 6-member engineering team to the National Finals by architecting an end-to-end full-stack prototype under strict deadlines.
- **Hacktropica 2025:** Secured Top 18 standing among 1,000+ national participants in a 36-hour continuous build hackathon.
- **Competitive Programming:** Solved 120+ Data Structures and Algorithms problems on CodeChef, demonstrating strong algorithmic design skills.