SIDDHARTHA CHAKRABORTY

Computer Science Undergraduate — Aspiring Backend Engineer

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Summary

Computer Science undergraduate with a strong focus on backend engineering and API development. Experienced in building secure and scalable REST APIs, implementing authentication and authorization, integrating databases, and deploying production-ready applications. Comfortable working with Node.js, Express, databases, and modern backend tooling, with a growing interest in high-performance backend systems. Passionate about writing clean, maintainable code and solving real-world problems.

Education

KIIT University, Odisha   **Jul 2023 – May 2027**
Bachelor of Technology in Computer Science

Experience

TechLead & Founder — Pukaar   **2024 – Present**
Bhubaneshwar, India
– Built a prototype women's safety and mental health platform focusing on emergency alert workflows and secure user data handling.

Web Developer — Konnexions, KIIT Web Dev Society   **Mar 2024**
Bhubaneshwar, India
– Contributed to web development projects by implementing assigned frontend features using React
– Worked within a Git-based development workflow, adhering to team coding standards and version control practices.

Projects

NeuroBeats | *Next.js, Tailwind CSS, AI*
– Built an AI music recommender that generates playlists based on real-time emotion detection.

Dupamin (NPM Package) | *JavaScript*
– Published an interactive emoji exploration package on NPM with 200+ downloads.

IMDB Clone | *Next.js, Tailwind CSS, API*
– Developed a real-time movie search web app with responsive UI and dark mode.

Smart Library Management System | *React.js, Express.js, MongoDB, txtai (Python)*
– Built a full-stack smart library system with book management, user roles, and borrowing workflows.
– Integrated **AI-powered book recommendations** using **txtai** (Python) based on user interests.
– Designed RESTful APIs with Express.js and implemented a responsive frontend using React.js.

KIIT Buzz – University Blogging Platform | *React.js, Vite, Node.js, MongoDB, Vercel*
– Built and deployed a full-stack university blogging platform used by **150+ real users**.
– Implemented user authentication, role-based admin moderation, and blog post creation and management with proper rate limiting.
– Deployed the frontend on Vercel with analytics integration and resolved production build and deployment issues.

Technical Skills

Languages: Java, Python, C, JavaScript, SQL, HTML/CSS, Tailwind CSS
Frameworks & Tools: Node.js, Express.js, Next.js, Redis, MongoDB, React, Docker, JWT, REST APIs
Developer Tools: Git, VS Code, IntelliJ, Eclipse, Railway, Render, Vercel

Achievements

Taught **10,000+ learners** through a popular Java OOPs video series.

Recognized as a Super Contributor at Hacktoberfest 2025, with pull requests merged among the first 10,000 globally.

Selected at the **Konnexions Hackathon**, leading to induction into the KIIT Web Dev Society.