

ANIRBAN PAUL

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EDUCATION

Master of Computer Applications, KIIT Bhubaneswar, Odisha	2023 – 2025
Bachelor of Computer Science, Vidyasagar University, West Bengal	2020 – 2023

SKILLS

Programming Languages: C++, Java, JavaScript, TypeScript, Python
Backend Development: Node.js, Express.js, REST APIs, JWT, MVC Architecture
Frontend Development: React.js, Next.js, HTML5, CSS3, Tailwind CSS
Databases: MySQL, MongoDB, PostgreSQL
Tools & Platforms: Git, Docker, Postman, Linux, Windows
Development Practices: OOP, Clean Code, Debugging, Testing

EXPERIENCE

Full Stack Developer Intern, IIT Kharagpur	2026 – Present
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- Developed and maintained a **full-stack equipment booking platform** for laboratory device slot management using **Next.js, TypeScript, Node.js, Express.js, and PostgreSQL**.
- Built dynamic **role-based workflows** for users, managers, and operators including booking approvals, quotation handling, slot allocation, and device management.
- Designed and implemented scalable **REST APIs**, secure authentication systems, booking status pipelines, and quotation generation workflows.
- Implemented advanced frontend features using **Tailwind CSS, shadcn/ui**, reusable components, skeleton loaders, dynamic tabs, search/filter systems, and responsive dashboards.
- Developed booking lifecycle modules including **pending, approved, rejected, and in-process states** with conditional UI rendering and workflow automation.
- Integrated **PDF/Blob quotation viewing**, operator assignment systems, device scheduling logic, and dynamic slot allocation features.
- Worked extensively on backend validation, error handling, database integration, API optimization, and production-oriented debugging practices.

Backend Developer Intern, Good Cause Solution	Nov 2025 – Jan 2026
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- Built and maintained **backend-heavy web applications**, designing clean and scalable **REST APIs** using **Django REST Framework**.
- Implemented **authentication & authorization** mechanisms (JWT-based), handled secure data flow, and managed database interactions.
- Focused on **business logic, performance, and correctness**, translating problem statements into reliable backend systems rather than UI-only features.
- Collaborated in an internship environment with **production-oriented code practices**, debugging, and iterative feature development.
- Implemented structured error handling, logging, and validation mechanisms.