

SHUBHAM PATRA

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SUMMARY

Final-year B.Tech CSIT student at ITER (SOA). Full-stack developer intern at Kurators leading a team of 5, building scalable applications with measurable performance improvements. Passionate about creating efficient, production-ready solutions.

EDUCATION

ITER, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha
Bachelor of Technology in Computer Science & Information Technology

7.41 CGPA
2022 – 2026

EXPERIENCE

Full Stack Developer Intern

Aug 2025 – Dec 2025

Kurators

Bengaluru / Remote

- Led a development team of 5 interns, driving **sprint planning, code reviews, and timely feature delivery** in a fast-paced startup environment.
- Architected and shipped production features, reducing page load times by 25% and improving query performance by 40% through optimized database schemas and efficient queries handling 100k+ records.
- Developed **scalable modules** including product catalog, seller dashboards, and end-to-end customer journey flows.
- Built high-impact features such as **real-time stock updates, predictive recommendations, and analytics dashboards** using OOP abstractions, reducing bug frequency by 15% while boosting engagement and data-driven decision-making.
- Improved code quality by maintaining **85%+ test coverage**, reviewing 20+ pull requests, and enforcing clean code principles and system design standards across the team.
- Authored comprehensive **technical documentation** covering APIs, workflows, and data models to streamline onboarding and ensure long-term maintainability.

PROJECTS

CodeTogether | *React, TypeScript, Node.js, Express, Socket.io*

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- Developed a **real-time collaborative code editor** enabling multiple developers to code simultaneously with live cursor tracking, integrated chat, and file management using React, TypeScript, Socket.IO, and Express.
- Implemented **WebSocket-based real-time synchronization** for collaborative features including live code editing, user presence detection, and a shared whiteboard for visual brainstorming.
- Built a full-stack application with React 18 frontend and Node.js/Express backend, featuring **syntax highlighting for multiple languages**, file export functionality, and seamless multi-user session management.

CareerConnect | *PHP, MySQL, Bootstrap*

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- Developed **full-stack job portal** with role-based authentication enabling recruiters to post jobs and manage applicants through admin dashboard with real-time statistics and data export.
- Implemented secure file upload system with validation, RESTful API endpoints for job listings and application tracking, and MySQL schema maintaining separation between public and admin APIs.

Nyxfolio | *React, Node.js, Express, Gemini API*

Live | GitHub

- Developed **AI-powered portfolio** with React 19 and dual Express.js backends, integrating Google Gemini API for intelligent chatbot interactions and secure contact form with rate limiting and XSS protection.
- Architected **modular backend services** handling AI conversations and email notifications, achieving 95+ Lighthouse performance score through optimized React components and efficient API design.
- Implemented **full-stack security measures** including Helmet.js, input validation, CORS policies, and rate limiting, while maintaining clean separation of concerns across frontend and backend services.

TECHNICAL SKILLS

Languages: Java, C++, C, PHP, JavaScript, HTML5, CSS3

Frameworks & Tools: Node.js, Express.js, React, Git, GitHub

Databases: MongoDB, MySQL

Core Competencies: Data Structures & Algorithms (DSA), Object-Oriented Design (OOD), Analytical Thinking, System Design Basics