

# 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

<b>ITER, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha</b> <i>Bachelor of Technology in Computer Science &amp; Information Technology</i>	7.41 CGPA 2022 – 2026
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## EXPERIENCE

<b>Full Stack Developer Intern</b> <i>Kurators</i>	Aug 2025 – Dec 2025 Bengaluru / Remote
<ul style="list-style-type: none"><li>Led a development team of 5 interns, driving <b>sprint planning, code reviews, and timely feature delivery</b> in a fast-paced startup environment.</li><li>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.</li><li>Developed <b>scalable modules</b> including product catalog, seller dashboards, and end-to-end customer journey flows.</li><li>Built high-impact features such as <b>real-time stock updates, predictive recommendations, and analytics dashboards</b> using OOP abstractions, reducing bug frequency by 15% while boosting engagement and data-driven decision-making.</li><li>Improved code quality by maintaining <b>85%+ test coverage</b>, reviewing 20+ pull requests, and enforcing clean code principles and system design standards across the team.</li><li>Authored comprehensive <b>technical documentation</b> covering APIs, workflows, and data models to streamline onboarding and ensure long-term maintainability.</li></ul>	

## PROJECTS

<b>CodeTogether</b>   <i>React, TypeScript, Node.js, Express, Socket.io</i>	Live   GitHub
<ul style="list-style-type: none"><li>Developed a <b>real-time collaborative code editor</b> enabling multiple developers to code simultaneously with live cursor tracking, integrated chat, and file management using React, TypeScript, Socket.IO, and Express.</li><li>Implemented <b>WebSocket-based real-time synchronization</b> for collaborative features including live code editing, user presence detection, and a shared whiteboard for visual brainstorming.</li><li>Built a full-stack application with React 18 frontend and Node.js/Express backend, featuring <b>syntax highlighting for multiple languages</b>, file export functionality, and seamless multi-user session management.</li></ul>	
<b>CareerConnect</b>   <i>PHP, MySQL, Bootstrap</i>	Live   GitHub
<ul style="list-style-type: none"><li>Developed <b>full-stack job portal</b> with role-based authentication enabling recruiters to post jobs and manage applicants through admin dashboard with real-time statistics and data export.</li><li>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.</li></ul>	
<b>Nyxfolio</b>   <i>React, Node.js, Express, Gemini API</i>	Live   GitHub
<ul style="list-style-type: none"><li>Developed <b>AI-powered portfolio</b> 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.</li><li>Architected <b>modular backend services</b> handling AI conversations and email notifications, achieving 95+ Lighthouse performance score through optimized React components and efficient API design.</li><li>Implemented <b>full-stack security measures</b> including Helmet.js, input validation, CORS policies, and rate limiting, while maintaining clean separation of concerns across frontend and backend services.</li></ul>	

## 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