

Tathagata Chakraborty

tathagata1805@gmail.com | 7003028043 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Experience

CodeClouds IT Solutions Pvt Ltd	Kolkata, India
Frontend Engineer	Aug 2022 – Present
<ul style="list-style-type: none">Developed and implemented a software solution that automated manual tasks, reducing execution time from 2 hours to under 15 minutes. This resulted in a 90% reduction in manual labor and drove 80% business growth by optimizing internal workflows and significantly boosting productivity.As a part of the Product Team, worked on core product suite used by millions of users, making significant contributions to improving user engagement and business impact. Played a key role in delivering high-quality, scalable solutions that shaped the company’s market presence.Developed and maintained key frontend components using modern technologies (React, JavaScript, etc.) and contributed to the overall user experience. Actively wrote end-to-end (E2E) test cases using Jest and React Testing Library to ensure robustness, maintainability, and seamless product delivery.Led the transition of legacy systems to modern architecture, to modern architecture, integrating new frontend features and optimizing backend microservices, resulting in a 60% improvement in performance, enhanced system scalability, and better support for evolving business needs.Collaborated cross-functionally development, QA, and operations teams to troubleshoot and resolve technical challenges, ensuring smooth deployment and functionality across systems and enhancing team coordinationImplemented Docker-based containerization for development, staging, and production environments, ensuring consistent application deployment and smooth operations using best practices in DevOps. Leveraged Agile methodologies to manage sprints and deliverables efficientlyOptimized code and improved performance across both frontend and backend services, enhancing scalability and reducing latency. Focused on best practices for microservices architecture and API integrations, which improved overall system efficiency.	

Quordnet Academy	Kolkata, India
Frontend Developer (Intern)	Jan 2022 – July 2022
<ul style="list-style-type: none">Solely responsible for developing and optimizing product websites, resulting in a <70% increase in user engagement and a <50% improvement in SEO friendliness.Added advanced features, including mobile responsiveness and dark mode, which improved website performance by <40%.Wrote clean, scalable, production-ready code using React JS and modern frontend technologies to enhance user experience and site functionality.	

Skills & Technologies

Languages: JavaScript, TypeScript.
Platforms: Windows, Linux.
Software Development:
<ul style="list-style-type: none">Client Side: HTML, CSS, Styled Components, React, Redux, Material-UI, Tailwind, Next JS, bundlers (webpack).Server Side: Node JS, Express, Gateway Integration, API Integration.Microservices: Restful Web-Services, Asynchronous and Synchronous API, Web socket.Security: JWT Authentication, API Security.Databases: Firebase, MySQL, MongoDB.Cloud & DevOps: Microsoft Azure, Azure DevOps, CI/CD PipelineContainerization: DockerTools: GIT, Jira, Asana, Postman, Jest, React Testing Library

Education

University of Engineering and Management	Kolkata, India
Bachelor of Technology in Electronics & Communication Engineering	
DGPA: 8.5/10.0	
	2019 – 2023

Projects

Portfolio

- Developed a **GitHub themed SPA** to showcase skills and achievements using **React JS, Next JS, Tailwind CSS** and **TypeScript**.
- Containerized the application using **Docker** and deployed o

Bookztron

- Developed a **full-stack library management system**, allowing users to browse, purchase books in real-time, and manage wishlists and carts.
- Integrated **Razorpay payment gateway** for secure transactions, with features like end-to-end authentication, real-time book ordering, and responsive design.