

Tathagata Chakraborty

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Education

University of Engineering and Management

Kolkata, India

Bachelor of Technology in Electronics & Communication Engineering

DGPA: 8.5/10.0

2019 – 2023

Professional Experience

CodeClouds IT Solutions Pvt Ltd

Kolkata, India

Frontend Engineer

Aug 2022 – Present

- Developed and maintained dynamic web applications and platforms with 6 other team members. Increased website performance by around a significant margin of 60 %. Collaborated with backend developers, design team and QA members, led troubleshooting and updated sites and ensured smooth functionality of web applications throughout entire SDLC. Implemented cloud and containerization solutions with senior developers to ensure smooth development process across teams. Worked with internal product teams to develop cross functional websites and internal products of the organization along with the official website. Optimized the code for faster loading, improved performance by more than 50% and SEO friendliness.
- Mentored new joiners and trainees in Software Engineering domains and developed workflow for them.

Quordnet Academy

Kolkata, India

Frontend Developer (Intern)

Jan 2022 – July 2022

- Solely responsible for the development of our product websites, adding new and advanced features to the websites using React JS and other frontend technologies, thus improving user engagement by over 70% and SEO friendliness by over 50%. Adding mobile responsiveness and dark mode to the website, improving the performance by more than 40%. Writing clean, scalable and production ready code using modern architecture and technologies.
- Containerized the codebase, along with implemented cloud services along with the Engineering leads to ensure smooth process throughout the SDLC.

Skills & Technologies

Programming Languages: JavaScript, TypeScript.

Platforms: Windows, Linux.

Software Development:

- 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: Microsoft Azure, Azure DevOps, CICD Pipeline.
- Tools: GIT version control, Docker, API Testing tools, Project Management tools (Asana, Jira).

Projects

Portfolio

- A GitHub themed portfolio (SPA) built using React JS, Next JS, Tailwind and TypeScript highlighting my achievements and skills. Containerized the application using Docker and used vercel as the deployment tool.

Bookztron

- A Full stack library management system where users can order their favorite books and buy them in real time. Features include end to end authentication, sorting and filtering, wishlist management, cart management with Razorpay payment integration
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