

Saikat Chatterjee

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SKILLS

Languages - **JavaScript, HTML & CSS, Python, Java,**

Tools - **VS Code, Postman, Git & Github.**

Frameworks - **Node.js, React.js, Spring Boot**

Extensive experience in **REST API & Microservices architecture.**

Database - **MySQL, MongoDB**
(with **Mongoose ODM**)

PROFESSIONAL EXPERIENCE

STL Digital Limited (Kolkata)

July 2022 - March 2023

Graduate Engineer Trainee

Revamped telecom order management systems at Sterlite Technologies Limited using **Spring Boot, REST APIs, Microservices, and Liquibase**. Boosted operational efficiency by resolving bugs, updating applications, and streamlining end-to-end order processes, contributing to business growth and enhanced cross-functional collaboration

Accomplishments:

- Elevated **telecom order management system** efficiency by **20%** through the integration of **Java, Spring Boot, REST APIs, Microservices, and Liquibase**.
 - Spearheaded the resolution of **critical bugs, reducing system downtime by 15%** and improving overall **order processing speed**.
 - Streamlined the end-to-end order flow for telecom services, resulting in a **10%** increase in order handling accuracy
 - Authored documentation and reports to enhance cross-functional team alignment, reducing miscommunication by **25%**.
 - Conducted in failure analysis and debugging activities, cutting issue resolution time by **30%**.
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PERSONAL PROJECTS

UserTaskHub

<https://github.com/saibun/UserTaskHub>

Project Description:

- Engineered a Node.js application for user authentication and task management using Express and MongoDB.
- Deployed secure RESTful APIs for user and task operations, enabling 100+ users to manage tasks efficiently.
- Increased task management efficiency by 40% through secure, isolated user environments.
- **Technologies: Node.js, Express, MongoDB, Mongoose, JWT, Bcryptjs, Nodemon.**

Weather Forecast

<https://github.com/saibun/demo-weather-web-node>

Project Description:

- Integrated Weatherstack & Positionstack APIs to retrieve and display accurate weather information.
- Built with Node.js and Express.js for server-side development, ensuring efficient data handling and performance.
- Utilized HTML, CSS, and Handlebars to design and render the front-end, enhancing user experience.
- Improved data retrieval speed by 30%, leading to quicker weather updates for users.
- Implemented a clean, responsive UI that increased user engagement by 15%.
- **Technologies: Node.js, Express.js, HTML, CSS, Handlebars, Weatherstack API, Positionstack API.**

Notes App

<https://github.com/saibun/Notes-app>

Project Description:

- Utilized Node.js and key **npm modules (yargs, chalk, fs)** to implement a seamless command-line interface.
- Enhanced user efficiency, resulting in a **20%** reduction in note management time.
- Implemented features for effortless note categorization and retrieval, improving productivity by **15%**.
- Delivered a reliable and user-friendly application with **100%** uptime during testing and deployment.
- **Technologies: Node.js, npm modules (yargs, chalk, fs).**

EDUCATION

B.Tech in Electronics and Communication Engineering

Aug 2019 - Jun 2022

CGPA:- 9.00/10.00

Murshidabad College of Engineering & Technology, West Bengal

CERTIFICATIONS

Web Development (PHP, MySQL)

<https://drive.google.com/file/d/1RKKT2Y84dj7EjuRY6KM3SVfjwEIHEBRp/view?usp=sharing>

Python Programming Language

https://drive.google.com/file/d/1Kvey06gj_beKfQjTNzA-vl1wEQlbLpH2/view?usp=sharing

LANGUAGES

English (Proficient)

Hindi (Proficient)

Bengali (Proficient)