

Swati Tanu

Software Developer

✉ swatitani01@gmail.com

🌐 Github

🌐 Portfolio

🌐 LinkedIn

SUMMARY

Full-stack developer with 2+ years of experience in Node.js and React, specializing in scalable APIs, database management, and performance optimization for high-traffic applications.

EXPERIENCE

Junior Software Developer | Aggregate Intelligence, Inc.

June 2023 – Present

- Engineered 7+ scalable, production-grade APIs from scratch for clients like Indigo (FlightRates API), Emirates (FareTrack), and Avis (Car Rental), using Node.js, Express, PostgreSQL, and MongoDB to handle millions of records.
- Built end-to-end admin panels and UIs with React and Redux for FareTrack and Car Rental, streamlining data management and managing user information.
- Developed hotel-focused APIs, including Reviews API (aggregating 30K+ reviews) and RateMetrics (real-time hotel availability near 500+ events).
- Implemented backend optimizations and system migrations (Python/MySQL → Node.js/PostgreSQL), cutting resource usage by 30% and boosting maintainability by 40%.
- Created 10+ schedulers, delivered Swagger-documented API suites, and implemented unit testing for 72%+ code coverage across projects, improving deployment reliability.

Student Internship | Masai

Aug 2022 – May 2023

- Developed full-stack web applications using HTML, CSS, JavaScript, Node.js, and Express.js, gaining end-to-end exposure to web architecture and RESTful API design.
- Built and integrated databases using MongoDB and PostgreSQL to manage dynamic content and user data across projects.
- Applied advanced JavaScript concepts such as asynchronous programming, closures, and modular design to improve code maintainability and performance.
- Completed both individual and team-based projects, practicing version control with Git and collaborating using Agile methodologies.
- Enhanced rapid learning and debugging skills by applying prompt engineering techniques, enabling quick adaptation to unfamiliar tools and frameworks.

Customer Relationship Manager | Bandhan Bank

Jan 2021 – Jan 2022

PROJECTS

CodeSwipe |  

- Developed a full-stack networking platform inspired by Tinder, featuring swipe-based user matching via React.js, Tailwind CSS, and real-time chat using Socket.io.
- Built a scalable Node.js/Express backend with MongoDB for efficient user and message data management, supporting instant messaging and notifications.

Write Up |  

- Built a responsive note-taking web app with note creation, storage, and paginated access using Express, EJS, MongoDB, and Bootstrap.
- Implemented secure user authentication with Google OAuth, enabling seamless login and personalized note management.

EDUCATION

Post Graduate Diploma in Management

Pune Institute of Business Management

2018 – 2020 | Pune

Bachelor of Computer Applications

Siliguri Institute of Technology

2015 – 2018 | Siliguri

TECHNICAL SKILLS

- JavaScript, Node.js,
- Express.js, Firebase,
- React.js, Redux,
- PostgreSQL, MongoDB,
- REST APIs, Microservices, Socket.io,
- TailwindCSS, CSS, HTML
- Git, GitHub