

# Swati Tanu

Software Developer

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🌐 Github

🌐 Portfolio

🌐 LinkedIn

## SUMMARY

Full-stack web developer with 3+ years of experience in Node.js and React, specialising 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 for Tier-1 airline and travel platforms (flight pricing, fare tracking, and car rental), using Node.js, Express, PostgreSQL, and MongoDB to process millions of records.
- Built 6+ comprehensive admin and operational dashboards with React and Redux, enabling centralised data management and user administration for fare tracking, mobility, and internal systems, including PMS, task tracking, and lodging applications.
- Built hotel analytics APIs aggregating 30K+ reviews and delivering real-time availability insights across 500+ major events.
- Led backend modernisation from Python/MySQL to Node.js/PostgreSQL, reducing resource usage by 30% and improving maintainability by 40%.
- Implemented 10+ background schedulers, standardised API documentation with Swagger, and achieved 72%+ unit test coverage to improve 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 Manger | 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 Institue 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