

# Abhijit Mohanty

## Senior Software Engineer

+91-7978984530 | [mohantyabhijit5@gmail.com](mailto:mohantyabhijit5@gmail.com) | Bengaluru, India | Experience: 5 Years 5 Months | <https://linkedin.com/in/abhijit-mohanty-5a448661>

Experienced Software Engineer with a proven track record of over 5 years in designing and optimizing scalable backend systems using Node.js, Express, and TypeScript. Skilled in building microservices architecture, integrating secure authentication systems, and leveraging third-party APIs to enhance system functionality. Demonstrated leadership in driving technical decisions, leading development teams, and delivering high-quality software solutions. Looking to utilize expertise in developing innovative software solutions in a dynamic and collaborative environment.

## SKILLS

- Node.js
- MySQL
- Kafka
- Distributed systems
- Elastic Search
- Jest
- Expressjs
- MongoDB
- Microservices
- Pubsub
- Javascript
- Nestjs
- ORMS
- System Design
- AWS
- TypeScript

## WORK EXPERIENCE

### Senior Software Engineer - Virtusa

Feb 2024 – Present

- Developed two microservices from scratch using Node.js, Express, and TypeScript, resulting in improved system robustness and performance.
- Implemented PostgreSQL with Sequelize ORM for robust database interactions, contributing to enhanced database efficiency and reliability.
- Created a secure token-based authentication system, encompassing token generation, verification, and refresh mechanisms, ensuring data security and integrity.
- Addressed potential issues related to authentication persistence within flow orchestration, significantly enhancing the system's robustness and security.
- Engineered a scheduler capable of auto-triggering the flow orchestrator based on specified schedules, improving system automation and efficiency.
- Designed and developed a dynamic flow orchestration system to manage complex workflows, enabling sequential block execution contingent on the outcomes of preceding blocks, resulting in optimized workflow management.
- Leveraged Redis for efficient invocation and management of running flows, optimizing the system's performance and scalability.
- Developed a notification service to handle message delivery, incorporating encryption for data security, and logic to prevent duplicate notifications, ensuring secure and efficient communication.
- Conducted extensive unit testing using Jest, ensuring high test coverage and code reliability across all services, resulting in robust and reliable codebase.
- Authored comprehensive Swagger API documentation for the authentication and scheduler services, improving service accessibility and ease of integration.
- Actively participated in code reviews and pull requests, maintaining high code quality and consistency, contributing to overall codebase reliability and efficiency.

## Senior Backend Developer - Taskmo

Sep 2019 - Feb 2024

- Collaborated directly with company founders, actively contributing to strategic initiatives, decision-making processes and the overall growth and development of the organization.
- Designed And Developed end-to-end Web Application for client as per the business requirements, wrote clear, concise code in Nodejs.
- Implemented and leveraged microservices architecture to enhance system scalability, flexibility and maintainability resulting in optimized performance.
- Led and supervised a team of 10 developers, serving as the primary point of contact for their direct reporting lines. Oversaw and coordinated their work.
- Collaborated with cross-functional teams to integrate third-party APIs and platforms, implemented third-party payment APIs for seamless transaction, also Implemented Google map API for live tracking of the users.
- Utilised various Node.js modules and libraries to optimize applications for maximum speed and scalability. Coordinated with product teams in identification of customer requirements for high-volume progressive web application.
- Developed Backend APIs for the user Applications, Hosted the APIs and the web APP in the server.
- Implemented security measures and data protection protocols, ensuring compliance with industry standards and preventing data breaches. Collaborated with stakeholders to define and implement technology roadmap, aligning engineering initiatives with company-wide goals.

## ADDITIONAL INFORMATION

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**Languages:** English