

MITHUN S

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[LinkedIn](#)

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EDUCATION

New Horizon College of Engineering - VTU

Dec 2021 – June 2025

B.E. (Electronics and Communication Engineering) - CGPA - 9.24

Bangalore, India

EXPERIENCE

Encora Innovation Labs

July 2025 – present

Software Engineer

Bangalore, India

- Developing scalable Java Full-Stack applications using Spring Boot, Microservices architecture, JPA, and event-driven communication with RabbitMQ and Kafka.
- Designing and implementing RESTful APIs, enhancing system scalability and performance, and securing applications with Spring Security.
- Conducting unit and integration testing using JUnit and Mockito, and documenting APIs with Swagger and Postman for improved developer collaboration and traceability.

Tecurcity

Sept 2023 – July 2024

Full-stack Developer(Core Team Member)

Bangalore, India

- Designed and developed maintainable full-stack web applications using MERN stack, with emphasis on reusable code patterns, scalable backend development and Agile methodologies improving efficiency by 50%.
- Built and consumed REST APIs, integrated third-party services like Stripe and improved backend infrastructure with testing and debugging tools to ensure high-quality, bug-free releases.
- Engineered secure authentication and authorization workflows using JWT, OAuth and Google Firebase ensuring robust user access control and reducing security vulnerabilities by a large margin.

PROJECTS

BookRealm [\[github\]](#) | [React.js](#), [MongoDB](#), [Node.js](#), [Express.js](#), [Postman](#), [Firebase](#)

- Built and deployed a full-stack e-commerce platform for buying, selling, and renting books as per user's choice, featuring an admin dashboard for transaction logging, activity tracking and other controls.
- Integrated Firebase authentication and Stripe payment gateway, ensuring secure, seamless user transactions.

SecureDiary [\[github\]](#) | [MERN Stack](#), [JWT Auth](#), [Postman](#)

- Developed a secure personal diary application with JWT-based authentication and full CRUD operations for user entries with dynamic and responsive React-based UI.
- Designed maintainable, readable and reusable code to ensure scalability and ease of debugging.

NewsFlix [\[github\]](#) | [MERN Stack](#), [News API](#), [Thunderclient](#)

- Created a responsive news portal to fetch real-time article from API's, with category-wise filtering and search functionality. Implemented ES6 class-based React components for better state and lifecycle management.
- Optimized API responses by integrating server-side pagination and client-side infinite scrolling, enabling efficient content loading, improving page performance while reducing API load time by over 40%.

Real-time Voice Translator | [Python](#), [Google APIs](#)

- Engineered a voice translation tool that converts speech to the user's preferred language with emotion recognition by leveraging transformer-based NLP models.
- Leveraged Python's standard libraries and Google APIs for accurate language processing & output delivery.

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, SQL, HTML, CSS

Frameworks: Spring Boot, React.js, Node.js, Express.js, MongoDB, Kafka, RabbitMQ, Hibernate

Developer Tools: Git, GitHub, Firebase, Stripe, Postman, Docker, H2, Swagger, VS Code, IntelliJ, AWS

Core Skills: Data Structures, Algorithms, STL, OOP Concepts, Microservice Architecture, Agile Methodologies

ACHIEVEMENTS

- **Top 3.48% globally** - Knight at LeetCode with **1937+ rating** and **1000+** algorithmic problems solved using C++ & Java across various platforms.
- Achieved **3-Star** rating at CodeChef, demonstrating solid expertise in data structures and algorithms.
- Represented NHCE at **Startup Mahakumbh 2024**, New Delhi - presented a scalable, full-stack solution, demonstrating innovation and entrepreneurial skills. [\[view\]](#)
- State-level chess and district-level handball winner, showcasing strategic thinking and teamwork.