

# Milind Jarsaniya

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## Skills

**Languages:** Java, C/C++, JavaScript, SQL

**Frameworks:** Spring Boot, Spring MVC, Hibernate/JPA, Node.js, Express.js

**Cloud & Tools:** AWS (SNS, SQS, S3, EC2, IAM) | Git, Maven, Docker (basic), Postman, GitHub Copilot, Antigravity

**Databases:** PostgreSQL, MySQL, MongoDB

## Work Experience

**Azilen Technologies, Ahmedabad**

Jan 2025 - Present

**Associate Software Developer**

Jul 2025 - Present

- **Postilion (Payment Processing)** **Stack: ACI Postilion platform, Java 8**
  - Engineered payment processing modules on the Postilion platform (Java 8), implementing ISO 8583 message parsing to handle authorization, reversal, and settlement transaction flows for a financial-services client. Contributed to message routing logic, transformation handlers.
  - Reduced transaction-level debugging turnaround by introducing structured field-level logging that mapped ISO 8583 message attributes to human-readable audit trails, replacing raw byte-array logs.
- **Timesheet & Resource Management System** **Stack: Java, Spring Boot, PostgreSQL**
  - Designed and delivered 15+ RESTful API endpoints for timesheet tracking, resource allocation, and project reporting modules, supporting concurrent usage across multiple business units.
  - Implemented cross-schema database migrations in PostgreSQL, ensuring zero data loss and consistent synchronization across services.
  - Refactored the service layer with structured SLF4J logging and clean-code improvements, reducing mean time to diagnose production incidents by ~35%. Owned end-to-end feature delivery: requirement analysis, API design, implementation, code review, and production deployment.
- **COMS (Cost & Operations Management System)** **Stack: Java, Spring Boot, PostgreSQL**
  - Developed backend modules for client onboarding, project allocation, project flows in enterprise ERP system. Collaborated with 5+ engineers in Agile sprint cycles, consistently delivering features within sprint deadlines.
- **AI-Driven Development** **Stack: Antigravity, GitHub Copilot**
  - Adopted AI-assisted development workflows to accelerate the software delivery lifecycle, reducing boilerplate generation overhead and improving feature delivery velocity by an estimated 20% across sprints.

**Associate Software Developer Intern**

Jan 2025 - Jun 2025

- Contributed to the backend migration of a timesheet management system from a Next.js frontend-heavy architecture to a clean **Java/Spring Boot microservice**, improving API reliability and enabling stateless, type-safe data handling.
- Architected a **Change Data Capture (CDC)** pipeline across 3 databases using AWS SNS and SQS, enabling near-real-time data synchronization.
- Built and integrated RESTful APIs for finance-focused enterprise modules, gaining hands-on experience in database, transactional consistency patterns, and microservices communication.
- Gained production-level exposure to scalable backend development, RESTful API design, and event-driven architecture within a team consisting senior engineers.

## Education

**CHARUSAT University**

2021 - 2025

B.Tech. in Information Technology

**CGPA: 8.36/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete Mathematics, Data Structures & Algorithms, Operating Systems, Computer Networks

## Project Work

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- **Multi-Library Management System** - 2023 - *Node.js, Express.js, MySQL, REST API*:  
Built a multi-tenant Library Management System with full CRUD operations for books, issuances, authors, and users across multiple libraries. Designed relational schema in MySQL to enforce referential integrity and support efficient cross-library queries.
- **Streaming Service Platform** - 2023 - *Node.js, Express.js, MongoDB, JWT Auth*:  
Engineered a Netflix-inspired backend featuring user/admin management, tiered subscription plans, video upload handling, and JWT-based authentication. Designed schema to support concurrent subscription states and role-based access control across user tiers.

## Awards and Certificates

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- **AWS**: AWS Academy Cloud Developing (Issued by AWS Training & Certification).
- **Competitive Programming**: Solved 300+ problems on **LeetCode** (150+, handle: *thrivers21*) and **CodeChef** (160+).
- **NPTEL**: Operating System Fundamentals · Database Management Systems · Problem Solving Through Programming in C.
- **DataCamp**: Introduction to SQL · Introduction to Python · Intermediate Python · Web Scraping in Python.
- **MongoDB University**: MongoDB Node.js Developer Path.