

TARUN JYOTI

Software Developer | Full Stack Development

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SUMMARY

B.Tech (ECM) graduate (CGPA: 8.86) with hands-on experience in Java, Spring Boot, and REST APIs, gained through two software engineering internships and an independent full-stack project (MarutiXchange). Seeking an entry-level Associate Software Engineer / Backend Developer role.

INTERNSHIP EXPERIENCE

Software Engineer Intern | Maruti Suzuki India Limited, Gurugram

Jan 2026 – Jun 2026

- Applied SDLC and Agile/sprint-based development practices in an enterprise environment.
- Gained hands-on exposure to CI/CD (Jenkins), code quality analysis (SonarQube), containerization (Docker), and version control (Git/GitHub), while exploring Spring Boot microservices architecture.

Software Engineer Intern | Siemens Logistics India Pvt. Ltd., Noida

Jun 2024 – Aug 2024

- Analyzed domain knowledge of 3 core airport logistics systems — Baggage Handling System (BHS), Departure Control System (DCS), and Airport Operational Database (AODB).
- Reviewed Siemens' logistics product suite (BagIQ, Baggage 360, Baggage Vision, CapacityPlus, Aviation Data Hub) and mapped the end-to-end baggage handling workflow — check-in, tag scanning, sortation, and claim — building a working knowledge of real-world logistics software that later shaped an independent project (Smart Baggage Tracking System).

PROJECTS

MarutiXchange — C2C Car Resale Platform | Java, Spring Boot, React.js, MySQL, Drools, Razorpay, Groq API

- Developed user authentication APIs (registration, login, OTP verification) using JWT, ensuring only verified users can access protected endpoints.
- Developed auction and bidding APIs handling concurrent bid placement in real time, solving the price-discovery problem in used-car resale.
- Developed payment APIs integrated with Razorpay along with an escrow mechanism that holds funds until delivery confirmation, protecting both buyer and seller from fraud.
- Developed order management APIs to track a transaction's full lifecycle from accepted bid to completion, maintaining data consistency
- Designed Kafka-based notification APIs for real-time updates across 5 core services (authentication, bidding, payment, order management, and notifications), decoupling producers from consumers to support horizontal scalability.
- Followed Agile methodology using JIRA — created user stories, maintained the product backlog, and tracked progress across 5+ sprints.

Smart Baggage Tracking System | Java, MySQL, JDBC

- Built a BSM (Baggage Source Message) processing module as a training project, modeled on Siemens Logistics' Airport Baggage Handling System (BHS) architecture, to automate baggage tracking across check-in, transfer, and delivery stages.
- Implemented IATA Type-B message parsing using Core Java to extract bag tag ID, passenger PNR, and flight routing details, persisting records to MySQL via JDBC PreparedStatements.
- Constructed a Swing-based desktop UI for airport staff to input and process BSM records in real time, following modular OOP design across dedicated classes for data model, parsing, DB operations, and UI.

TECHNICAL SKILLS

Language & Database: Java 8(Core), Object-Oriented Programming (OOPs), SQL, MySQL

Frameworks, Libraries & Architecture: Spring Boot, Microservices Architecture, REST API Development, React.js, HTML, CSS, JavaScript

Tools & Engineering Practice: Postman, Docker, Jenkins, SonarQube, JUnit, Mockito, Swagger/OpenAPI, Maven, Git, GitHub, Jira, AWS(Cloud Fundamentals)

EDUCATION

Bachelor of Technology — Electronics & Computer Engineering

2022 – 2026

Punjabi University, Patiala | CGPA: 8.86

Senior Secondary (Class XII)

2021 – 2022

D.C. Model Senior Secondary School, Ferozepur | 78.6%

Secondary (Class X)

2019 – 2020

D.C. Model Senior Secondary School, Ferozepur | 79.8%

CERTIFICATIONS

- Confluent Apache Kafka Fundamentals & Accreditation — Confluent | 2026
- Redis — Redis University | 2026
- Docker — Simplilearn | 2026
- SQL Intermediate — HackerRank | 2025