

ABHIJEET KUMAR JHA

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Education

Haldia Institute of Technology

B.Tech in Electronics and Communication Engineering, **CGPA: 8.54**

2019 – 2023

Halida, West Bengal

Technical Skills

Languages: Java, Python, SQL

CS Fundamentals: OOPs, DBMS

Backend Technologies/Frameworks: Spring Boot, Spring MVC, Hibernate, Spring Data JPA, JDBC, Restful Web Services, Junit, Monolithic, Microservices, Log4j, Kafka, Redis, Azure Key Vault, Azure Blob Storage

Front End Development: HTML, CSS, JavaScript, React.js

Databases: MySQL, PostgreSQL

Developer Tools: Git, Docker, Docker Compose, VS Code, Postman, IntelliJ, Eclipse

Experience

GFK - An NIQ Company

Java Backend Developer

Feb 2024 – Present

Gurugram, Haryana

- Engineered end-to-end backend enhancements for the FocusVision Decipher survey analytics platform, improving API response times by **30%** and reducing average latency by **200ms**.
- Implemented multithreaded services using Spring Boot to parallelize survey data post-processing and export workflows, cutting execution time by **40%** and enabling processing of **100k+ survey responses/day**.
- Constructed a network of Spring Boot microservices that synchronized metadata across multiple internal platforms via Kafka, handling **1M+ events/day** with near real-time consistency (**12s lag**).
- Integrated third-party libraries such as Jackson and Apache POI with internal services to convert raw survey inputs into structured formats, reducing manual tabulation time by **60%** and supporting exports for **500+ enterprise clients**.
- Utilized Docker and Docker Compose for containerization and managed deployments via Jenkins CI/CD pipelines, decreasing release cycles from **weekly to daily** and reducing environment setup time by **90%**.
- Collaborated with cross-functional teams and participated in code reviews, adhering to Agile methodologies and maintaining over **80% test coverage** with JUnit, reducing post-release defects by **25%**.

DefineRight India Pvt Ltd

Technology Analyst Intern

July 2023 – Sep 2023

Pune, Maharashtra

- Coordinated with cross-functional teams of **5+ developers and designers** to deliver user-centric backend features, improving documentation quality and reducing onboarding time for new team members by **15%**.
- Developed a custom admin panel and integrated user authentication systems with Django's built-in module, enabling secure access control for **100+ test users** and ensuring production readiness with **zero security incidents reported**.
- Optimized database queries using Django ORM, reducing query execution time by **35%** and enhancing application scalability to support **2x more concurrent users (up to 1,000+ active sessions)**.

Projects

TripEase - Cab Booking Backend Application | Java, Spring Boot, JPA, MySQL, Swagger

- Built a scalable backend system handling bookings with modules for customer registration, driver & cab management, and booking allocation, incorporating cab availability tracking, gender-based filtering, exception handling, and data validation.
- Optimized booking allocation using efficient entity mapping and batch operations, reducing database queries by **40%** and improving API response time by **30%**.
- Implemented layered architecture (Controller, Service, Repository, DTO, Transformer) with JPA/Hibernate for persistence, Swagger for API documentation, and SMTP email service to automate booking confirmations with **100% delivery reliability**.
- Designed flexible DTO-Entity transformers enabling cleaner code and reducing boilerplate by **25%**, improving maintainability and scalability for future feature expansion.

Achievements

- Best Project Contributor - Q4 2024 at GFK - An NIQ Company
- Conducted training sessions on Rest API Standards and Junit Testing
- Delivered technical demos and documentation that cut down exploration time by 25% for leadership teams.
- Solved 250+ DSA problems on Leetcode.
- Successfully solved 5/7 problems in the Credit Suisse Global Coding Challenge 2022.