

# MOHAMMAD ADNAN KHAN

## SOFTWARE ENGINEER ANALYST

### CONTACT

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- [Github](#)
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- [Portfolio](#)

### SKILLS

- Java 8
- Spring Boot, Spring Data JPA
- RESTful Web Services
- Microservices
- Apache Kafka
- JUnit testing with Mockito
- HTML, CSS, XML, JSON
- Databases: MySQL
- Tools & Platforms: Postman, Jira, Confluence, CI/CD Pipelines, Jenkins, Putty, Git, GitHub, GitHub Desktop

### EDUCATION

#### MCA (Master of Computer Applications)

College of IT & Management Education,  
Bhubaneswar  
2019-2021

#### BSc in Information Technology

NIIS Institute of Science and Management,  
Bhubaneswar  
2016-2019

### COURSES

- Certification in Java Backend Development

### AWARDS

- Multi-Skilled Recognition** - Awarded P4 certification for proficiency in Java and Spring Boot, demonstrating strong expertise in backend development and API design.
- Best People and Lead with Excellence** - Recognized for continuous growth and excellence at Accenture.

### RECOGNISATION

- Recognized for Completing Graduation** - Received certification and recognition from Accenture for completing training within the first attempt.

### PROFILE

Results-driven Software Engineer Analyst with **3.5+ years of expertise** in backend web development. Proficient in **Core Java, Spring Boot, Microservices**, and **MySQL**. Skilled in Agile methodologies, API design, and SDLC processes. Experienced in collaborating with cross-functional teams of up to 12 members, ensuring seamless project delivery and maintaining high-quality standards.

### WORK EXPERIENCE

#### Software Engineering Analyst

2023-Present

Accenture

- Developed, customized, and maintained microservice **APIs for M&G**, achieving a **100% data efficiency boost** by ensuring seamless web app communication using Core Java, Spring Boot, and Sonata DB.
- Conducted comprehensive JUnit test case suites to achieve thorough quality assurance and ensure **100% functionality validation**.
- Implemented structured task delegation and real-time progress monitoring of the team, achieving a **20%-30% reduction in project time** by aligning tasks with junior team members' skills.
- Managed the API deployment process utilizing Jenkins, Git, and GitHub, ensuring a robust and production-ready configuration and maintaining a success rate of **100% in a single deployment**.
- Managed end-to-end ticket lifecycles using Jira, accelerating production **defect** resolution by **30% to 40%**.
- Mentored junior developers, guiding best practices, code reviews, and troubleshooting techniques.

#### Associate Software Engineer

2021-2023

- Developed and maintained backend APIs for **Vodafone Germany**, integrating **10% more features** using Core Java, Spring Boot, and MySQL.
- Led cross-functional collaborations to define project requirements, reducing feature **development** timelines by **20%-30%**.
- Resolved **30+ issues** by identifying and fixing root causes, ensuring system stability.
- Facilitated Agile collaboration through daily stand-ups and sprint planning, ensuring **100% on-time delivery**.
- Validated functionality within live production environments through rigorous manual testing.

### PROJECTS

#### Library Management System

- The Backend web application focused on book transaction management.
- Implemented comprehensive CRUD operations followed by a monolithic architecture.
- Tech Stack:** Java, Spring Boot, Hibernate, Spring Data JPA, MySQL

#### E-Wallet Backend Application

- Developed a microservices-based backend application for E-wallet functionality.
- Implemented user onboarding processes and notification preference management.
- Tech Stack:** Java, Spring Boot, Hibernate, Spring Data JPA, MySQL, Apache Kafka

#### Tech Blog Web App

- Built a web application enabling coders to upload code, attach output images, and engage through likes and comments.
- Developed secure authentication and ensured efficient database management for improved performance and reliability.
- Tech Stack:** HTML, CSS, JSP, Servlet, MySQL