Ankita Padalkar

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Profile

Java Developer with 1.5+ years of experience in banking domain applications. Currently working on migration of enterprise backend systems from Java 8 to Java 21 using Spring MVC, Spring Data JPA, and Hibernate. Experienced in ORM-based development, Oracle Database integration, exception handling, and layered backend architecture.

Experience

ETHDC PVT. LTD. | OCT 2022 – JULY 2023

- Developed and maintained Java-based applications using Core Java, OOP principles, and advanced features of the Java ecosystem.
- Designed and implemented RESTful APIs utilizing the Spring Boot framework for backend services and data exchange.
- Integrated and managed MySQL databases using JDBC for efficient data storage and retrieval; applied SQL best practices including joins, views, and stored procedures.
- Deployed Java web applications on Apache Tomcat server, ensuring stable release management and server-side configuration.
- Developed and enhanced a full-featured School ERP system with modules for managing student records, attendance tracking, exam scheduling, and automated data processing.
- Conducted unit testing with JUnit, and performed application debugging and troubleshooting within the Eclipse IDE.
- Collaborated on backend development with Maven and adopted version control practices using Git.
- Followed industry best practices in object-oriented design, software testing, database integration, and software development lifecycle.

VIRTUBYTE PVT. LTD. | SEP 2025 – PRESENT

Tech Stack: Java 21, Spring MVC, Spring Data JPA, Hibernate, Oracle DB, Lombok, Eclipse STS

- Working as a **Backend Java Developer** on a **banking domain application**.
- Assisting in the **migration of backend systems from Java 8 to Java 21** under guidance of senior developers.
- Refactoring legacy **DAO-based code** to **ORM-based implementation** using **Spring Data JPA and Hibernate**.
- Developing and maintaining backend components using **Spring MVC layered architecture**.
- Implementing **DTOs and Mapper classes** to support clean data flow between layers.
- Using **Lombok** to reduce boilerplate code and improve readability.
- Implementing basic **exception handling and logging** for backend modules.
- Working with **Oracle Database** for CRUD and transactional operations.
- Using **Eclipse STS** for development, debugging, and unit-level testing.

Technical Skills

Programming Languages: Java, Kotlin, Swift, JavaScript and SQL.
Frameworks & Libraries: Spring Boot, Spring Data JPA, Hibernate, React, React Native, jQuery, Bootstrap, Express.js, and Node.js.
Mobile Application Development: Skilled in building native Android (Java/Kotlin), iOS (Swift), and cross-platform (React Native) mobile apps.
Web Technologies: Well-versed in HTML5, CSS3, JavaScript, AJAX, and responsive design using Bootstrap.
Databases: Hands-on experience with MySQL, SQL Server, SQLite, and MongoDB for relational and NoSQL data management.
REST API Development: Capable of designing, developing, and consuming RESTful web services.
Machine Learning on Mobile: Integrated and optimized TensorFlow Lite (Android), ML Kit, and Core ML (iOS) models in mobile apps.
Operating Systems & Scripting: Comfortable with Linux OS, shell scripting (BASH), and Linux command-line utilities.
Software Engineering: Strong foundation in object-oriented programming, design patterns (MVC, MVP, MVVM), unit and integration testing, and version control (Git).
Data Structures & Algorithms: Competent in implementing arrays, stacks, queues, linked lists, trees, graphs, and standard algorithms for efficient problem solving

Projects

Banking Application Migration (Java 8 → Java 21)

Technologies: Java 21, Spring MVC, Spring Data JPA, Hibernate, Oracle DB, Lombok

- Contributed to the migration of a banking backend application from Java 8 to Java 21.
- Supported conversion of DAO-based data access layer to ORM-based JPA/Hibernate implementation.
- Assisted in shortening and simplifying backend code using Hibernate ORM and Lombok.
- Implemented Controller → Service → Repository → DTO → Mapper flow for selected modules.
- Handled basic exception handling and logging as part of backend enhancements.
- Performed testing and validation of migrated modules with Oracle Database

Online Movie Ticket Booking System (Hybrid Application)

- Built a hybrid solution enabling users to browse movies, select showtimes, choose seats, and book tickets via both a web portal and Android app.
- Designed and implemented an admin panel for movie, theater, and schedule management.
- **Web:** Frontend with React.js; Backend with Node.js and Express; Database using MySQL.
- **Android:** Developed in Kotlin and Java using Android SDK.
- Key Features: User registration/login, movie & showtime browsing, seat selection, booking, mock payment integration, and comprehensive admin controls.

School Analytics and Management Tools

- Developed backend features for school performance analytics, real-time bus tracking, and ERP modules using Java, JSP, Servlets, JDBC, and MySQL.
- Implemented real-time data aggregation, API integration, and optimized backend logic for efficient school operations.
- Tools & Technologies: Java, JSP, Servlets, JDBC, MySQL, Apache Tomcat, Eclipse.

Bus Buddy Netra – Real-Time School Bus Tracking System

- Engineered the backend in Java for real-time school bus tracking, providing live location updates and automated notifications to parents.
- Integrated live data feeds and deployed solutions on Apache Tomcat to ensure low-latency, real-time updates.
- Tools & Technologies: Java, JSP, Servlets, JDBC, MySQL, Apache Tomcat, Eclipse

Education

Master in computer application (MCA)
University: Amravati University
Year 2021
Percentage 66%

PG-Diploma
Centre for Development in Advance Computing (CDAC)
Course – Diploma In Mobile Computing
Year – 2025

Languages known

English - Proficient
Marathi – Proficient
Hindi - Beginner

Declaration

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge I understand that any false information may lead to rejection of my application or termination of employment if discovered later

Date:
Place:

Name: Ankita Padalkar
(Signature)