AB

ARUNA BANDARI

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Job Title

Java || Spring boot || Microservices | **3.10** Years in **Java Spring Boot Development** | Expertise in Spring Data JPA, Spring JDBC, Spring Security, | REST APIs | Spring Batch Processing, MySQL | Design Patterns | Maven | CI/CD (Jenkins, GitHub) | Agile & DevOps

Professional Summary

- **Results-driven Java Backend Developer** with **3.10** years of experience, specializing in **Spring Boot, Microservices, and RESTful API Development** across Finance, Enterprise Management domains.
- Proven expertise in **Spring Data JPA, Spring JDBC, and Batch processing** delivering optimized data handling and ensuring efficient backend operations.
- Skilled in **Integrating REST APIs** with third-party systems and implementing design patterns for cleaner and reusable code architecture.
- Strong background in building secure, scalable, and maintainable applications using **Spring Security, MySQL**, and design principle
- Hands on **CI/CD pipelines (Jenkins, GitHub)** and Agile delivery, improving **deployment reliability by 35%** and reducing release cycle time.
- Delivered **Classic-to-Lightning** migrations and interactive dashboards, boosting **user adoption by 30%** and improving business visibility.
- Collaborated closely with cross-functional teams to deliver **High-Performance Microservices and Backend Solutions** that enhanced business.
- **Committed to delivering robust Java solutions** through scalable architectures**,** efficient coding practices**,** & continuous learning.

Key Skills

Java Development:
- Core Java │ Oops Concepts
- Exception Handling | Collections Framework
- Multithreading│ Streams│File I/O │ Lambda Expressions

Spring Framework:
- Spring Core │ Spring Boot │ Spring MVC
- Spring JDBC │ Spring Data JPA
- Spring Security │ Dependency Injection │ AOP │ RESTful

Microservices & Integration:
- Microservice Architecture
- REST API Design
- Inter-Service Communication
- External Service Integration

Database & Persistence:
- MySQL │ SQL Queries
- Hibernate/JPA | Entity Mapping
- Transaction Management

DevOps & CI/CD:
- Jenkins
- GitHub

Testing & Quality Engineering:
- JUnit │ Mockito
- Integration Testing │ Debugging | Code Review
- UAT Support | PROD Support Regression

Methodologies:
- Agile Scrum

Operating Systems:
- Windows
- Linux

Version Control & IDEs:
- GitHub
- STS
- IntelliJ IDEA
- MYSQL Workbench

Professional Experience

Tata Consultancy Service | Hyderabad, India
Project: Loan Processing Platform
Client: ICICI, RBL, ABHFL, TATA CAPITAL
01/2024 - current

- **Developed and deployed 20+ RESTful microservices** using Spring Boot, improving application modularity and response times by 25%.
- **Automated 20+ backend processes** using Spring JDBC, reducing manual data handling by 50% and improving system reliability.
- **Integrated backend services with external APIs** and internal modules, reducing data inconsistencies by 30% and streamlining workflows.
- **Implemented JWT-based authentication** and role-based access control, securing sensitive banking and user data across services.
- Optimized **SQL queries,** database calls, and batch processing logic**, improving processing performance** for high-volume loan data.
- Created **reusable service and DAO layers,** reducing redundant coding by 35% and improving maintainability across modules.
- **Resolved production issues and backend defects** during SIT/UAT, ensuring minimal downtime and maintaining 99% system uptime.
- Enhanced unit test coverage from 50% to 90% using **JUnit and Mockito**, reducing post-release defects and improving code quality.
- Contributed to **CI/CD pipeline activities with Maven and Git,** improving build automation and deployment reliability.
- **Documented technical workflows** and microservice architecture, facilitating team onboarding and knowledge sharing.

TATA Consultancy Service | Hyderabad
Project: ULTX-EXCESER BOARD APP
Client: TCS INTERNAL
02/2022 – 12/2023

- Understood business requirements and **developed backend Web Services using Java.**
- **Developed backend RESTful APIs** using Spring Boot to handle meeting management workflows.
- Implemented database operations using **Spring JDBC** for functionality and optimized query performance.
- Participated in requirement analysis, design discussions, and backend architecture improvements.
- Resolved issues by debugging and modifying backend logic to ensure seamless system performance.
- Implemented input **validation and error-handling** mechanisms to enhance API robustness and prevent runtime failures.
- Assisted in application build and deployment processes using Maven and Git.
- Collaborated with senior developers to integrate services and validate API responses with frontend components.
- Enhanced understanding of end-to-end development, from **API design to database interaction** and testing.
- Created and executed unit test cases using **JUnit** to ensure code quality and stability
- Gained practical experience in **end-to-end backend development**, from requirement gathering to deployment and testing.
- Participated in **code reviews and contributed to improving** overall coding standards and project maintainability.

Projects

Loan Application Process | Banking Domain: Loan Process **|** Jan 2024 - Current
Overview: The Loan Processing Platform (LPP) is a comprehensive banking solution that streamlines the end-to-end loan application process for banks, employees, and channel agents. It ensures secure, efficient, and transparent loan handling — from submission to approval — while maintaining compliance and high performance.

Key Contributions:
- Developed backend modules using Spring Boot and Spring JDBC for user creation, agency creation, and loan processing workflows
- Designed and optimized SQL queries, joins, and stored procedures to improve data retrieval and processing performance by 30%.
- Built RESTful APIs for internal services, enabling smooth communication between microservices
- Handled batch processing for large datasets, improving transaction efficiency and ensuring accurate loan status updates.

ULTX-EXCESER BOARD APPLICATION | Business Domain: Board Application **|** Feb 2022 - Dec 2023
Overview: Board Application is a comprehensive meeting management system designed for board members to organizing the meetings. It offers seamless coordination, communication and documentation for efficient board meetings.

Key Contributions:
- Developed and implemented RESTful Web Services to fulfill business process requirements.
- Resolved backend issues efficiently, ensuring minimal downtime.
- Managed project builds and deployments, streamlining release processes.
- Created and executed unit test cases, improving code reliability and quality.

Education:

B-Tech (ECE) | 2021 | Percentage :78 | University college of Engineering JNTUK | Andhra Pradesh

Achievements:

- Received appreciation for training the bank users as part of train the trainer program and from the business and TCS.
  - Fresco Play Miles Award - On the Spot Award.
  - Applause for team

Languages

Telugu: Native
English: C2(proficient)
Hindi: Intermediate