

## EXECUTIVE SUMMARY

I have strong technical foundation, combined with my mentoring experience and dedication to excellence, that positions me as an asset to any development team. I eager to apply my skills in a challenging and dynamic environment and contributing to innovative solutions and fostering growth within my team.

As an Intermediate Java Developer, I am developing REST API services for various web applications, implementing Java Persistence API (JPA) for efficient database interactions and entity management and using Spring boot framework

I am utilizing Enterprise JavaBeans (EJB) and MVC to enforce business logic and managed project builds using Maven, defining libraries through POM files. My role also encompassed front-end development using AngularJS and, creating and managing databases with PostgreSQL.

## Knowledge and Skills:

Spring Boot

Maven

Angular 2+

Java EE

Spring boot

PostgreSQL

Linux

Docker

Version control using GIT

MVC architecture

IBM technologies (MQ, IIB, ACE)

JSON and XML data formats

CI/CD tools (Jenkins, Bamboo)

DEVOPS

OAuth2

## Personal Details

Full Name	: Thokozani M Thabede
Date of Birth	: 1989-07-22
Languages	: English, isiZulu and Pedi
Area of Residence	: Midrand, Gauteng
Email Address	: <a href="mailto:thokozanithabede@gmail.com">thokozanithabede@gmail.com</a>
Phone Number	: 083 206 3657
Current Position	: Java Developer
Availability	: 30 Days' Notice Period

## Qualifications

Qualification	Institute	Date	Status
National Diploma: Computer Science	TUT	2015	Completed
Matric	Sigqamise High School	2007	Completed

## ADDITIONAL COURSES

- IBM MQ Technical Sales Intermediate
- IBM App Connect Enterprise 12 Application Development I
- Cloud Pak for Integration Sales Foundation V2
- MCSE Server Infrastructure
- Microsoft Certified Professional

## Career Summary

Position	Company	Date
Java Developer	Knowledge Objects	December 2024 – currently there
Intermediate Integration Developer		February 2021 – October 2024
Java Developer	i1 Solutions	March 2018 – December 2020
Java Intern		June 2017 – February 2018

## Career History

Company : Knowledge Objects Pty (Ltd)  
Date : December 2024 – Still There  
Position : Java Developer

Responsibilities:

### 1. Position: Java Developer (December 2024 – Current)

- Designed and implemented RESTful APIs to enable communication between client and server. This included defining endpoints, handling HTTP requests (GET, POST, PUT, DELETE), and managing data transfer using formats like JSON or XML.
- REST APIs provided a standardized way for different software components to interact, making it easier to integrate various services and enabling mobile and web applications to communicate with backend systems.
- Created Entities Based on Database Table, Named Queries
- Utilized Java Persistence API (JPA) to map Java objects to database tables.
- Defined entity classes and their relationships, as well as named queries for specific data retrieval.
- JPA abstracts database interactions, simplified CRUD operations and allowed easier maintenance and tested the application. Named queries enhance performance and readability of the code.
- Implemented All Business Rules.
- Using Enterprise JavaBeans (EJB) to encapsulate business logic.
- This involved creating session beans for managing transactions, security, and stateful and stateless interactions.

- Helps in separating business logic from presentation and data layers, enhancing code organization and reusability
- Framework Used to Create Java Project; Defined Libraries Using POM Files.
- Configured the pom.xml file to specify libraries, plugins, and project structure and build.
- Managed project dependencies and build lifecycle using Apache Maven
- Automated and build process, managed dependencies, and maintained consistent project structures across multiple environments
- Developed Front-End Using JavaScript and Angular 2.
- Created user interfaces using Angular 2, focused on components, services, and routing to create a dynamic and responsive user experience
- Angular provided a powerful framework for building single-page applications (SPAs), allowed for seamless user interactions and a rich front-end experience while maintaining performance
- Created Database Using Postgres
- Designed and implemented a relational database using Postgres, including schema design, table creation, and optimization for performance
- Skills Acquired: REST API, JPA, EJB, MAVEN, Angular, DB2: Java 8 and 11
- Encouraged a culture of knowledge sharing within the organization regular team meetings or presentations on relevant topics and technologies

#### **Position: Intermediate Integration Developer (July 2021 - October 2024)**

- Developed and designed message flows using IBM App Connect Enterprise (ACE) to facilitate integration between various systems.
- Troubleshooted and debugged message flows to ensure they function as intended, used tools and logs to identify and resolve issues.
- Analysed message flow performance and made enhancements to improve processing speed and efficiency.
- Created comprehensive documentation for message flows, including flow diagrams, configuration settings, and usage instructions.
- Built Message Flow, Mapping, and Routing Messages
- Defined mapping specifications to transform data from one format to another as it flows through the integration processes.
- Implemented complex routing logic based on business rules to direct messages to the appropriate endpoints or systems.
- Ensured that incoming messages met specified validation criteria before processing, using schema validation techniques
- Conducted integration testing to verify that message flows function correctly across different systems and platforms.
- Created REST API, SOAP Services, and DFDL

- Designed and developed RESTful APIs and SOAP web services to enable communication between applications and systems.
- Documented API endpoints and specifications; conducted thorough testing (unit, integration, and performance) to ensure robustness
- Utilized Data Format Description Language (DFDL) to define data formats for message parsing and serialization, ensured compatibility with various data types
- Managed versions of APIs and services to ensure backward compatibility and ease of integration for clients
- Queue Manager (Created Queues, Managed Queue Managers)
- Created and configured queues in message queue systems (e.g., IBM MQ) to facilitate asynchronous message processing
- Monitored queue performance and managed queue depth to prevent bottlenecks, ensured timely message delivery
- Implemented security measures for queue managers and queues, including access controls and encryption
- Developed and tested disaster recovery plans for queue managers to ensure business continuity in case of failures
- Supported Testing on Development and SIT with the Client
- Collaborated with clients to define testing objectives and scope for development and System Integration Testing (SIT)
- Assisted in tracking and managing defects or issues identified during testing, facilitating communication between development and testing teams
- Supported clients during UAT phases, ensured solutions meet business requirements and expectations
- Gathered feedback from testing sessions and worked on implementing necessary changes or improvements
- Monitored production systems for performance issues and outages, ensuring systems are operational and efficient
- Responded to and resolved incidents in production environments, coordinating with relevant teams for quick resolution
- Planned and executed upgrades or patches in the production environment while minimizing downtime and impact on users.
- Maintained accurate records of production system configurations, changes, and troubleshooting steps taken
- Setting up and configured development, testing, and production environments on both Linux and Windows platforms to ensure compatibility
- Installed and configured necessary tools and software for development and testing teams to facilitate their work
- Regularly updated and maintained environments to ensure security, performance, and compliance with organizational standards
- Used configuration management tools (e.g., Ansible, Puppet) to automate environment setup and maintenance processes
- Conducted training sessions and workshops for interns and junior staff to enhance their technical skills and knowledge
- Offered career advice and mentorship, helped junior staff to set professional goals and navigate their career paths within the organization

- Encouraged a culture of knowledge sharing within the organization regular team meetings or presentations on relevant topics and technologies
- Skills Acquired: Linux, Windows, SOAP, REST API, DFDL, IBM ACE