Refentse Makgoba
Junior Software Developer

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I am a **Junior Software Developer** with **hands-on experience** in **designing**, **developing**, and **maintaining** scalable enterprise applications. My expertise lies in **Java**, **SpringFramework and Spring Boot**, **Angular**, **Hibernate**, **RESTful APIs**, and **SQL** databases, enabling me to build full-stack solutions efficiently. I am passionate about **problem-solving**, **automation**, and writing clean, maintainable code that meets business needs.

Currently, I work at Discovery Limited as a **Java Developer**, contributing to critical healthcare systems. I collaborate with business analysts and architects, using Agile methodologies to deliver robust software solutions. My skill set includes software release management, debugging, and deployment automation, utilizing tools like Git, **Jenkins**, **Kibana**, and **Dynatrace**.

I aspire to grow into a Full-Stack Engineer, leveraging Spring Boot and Angular to build scalable and impactful solutions.

Work experience

Discovery Limited | Java Developer   *Sandton, Gauteng | 02.2024 - Current*

- Develop and maintain enterprise applications using **Java (8, 11, 17), Spring Boot, and Hibernate/JPA**.
- Build and optimize **RESTful APIs** for seamless data integration.
- Work with **Angular** (internal projects) to enhance front-end capabilities.
- Implement business rules using **business rule engines** for decision-making automation.
- Write **complex SQL queries (PL/SQL - Oracle)** for data retrieval and manipulation.
- Manage version control and CI/CD automation with **Git, Bitbucket, and Jenkins**.
- Debug and resolve issues in production/test environments using **Kibana, Dynatrace**, and monitoring tools.
- Deploy and manage containerized applications with **Docker**.

University Of Johannesburg | Academic Tutor   *Johannesburg, Gauteng | 02.2023 - 11-2023*

- Taught programming fundamentals in **Python, JavaScript, ReactJS, and MySQL**.
- Assisted students in web development projects using **HTML, CSS, PHP, and React Native**.

Education

University Of Johannesburg | Diploma BIT   *Johannesburg, Gauteng| 01.2021 - 11.2023*

- Graduated **Cum Laude (80.5% Average)**.

Skills

Soft Skills

- Communication & Collaboration
- Problem-Solving & Critical Thinking
- Agile & Scrum Methodologies
- Attention to Detail & Troubleshooting

Technical Skills

Full-Stack Development:

- **Backend: Java (8, 11, 17), Spring Boot, Hibernate, RESTful APIs**
- **Frontend: Angular, ReactJS, JavaScript, HTML, CSS**
- **Databases: PL/SQL (Oracle), MySQL, MongoDB**
- **DevOps & Tools: Git, Jenkins, Docker, Kibana, Dynatrace**
- **Software Architecture: Object-Oriented Design (OOD),Object Oriented Analysis, BPMN**
- **Atlassian Products(Confluence,Jira,Bitbucket)**

Projects

o **WhatsApp Messaging**:

- Automated discharge notifications for hospital admissions using **Spring Boot, Spring Batch, and PL/SQL**.
- Developed a batch system with **cron jobs** for scheduled messaging.

o **Flowstate** : https://github.com/orgs/Flow-State1/repositories
- Built an IoT energy management system for real-time appliance monitoring.
- Tech Stack: ReactJS, NodeJS, ExpressJS, MongoDB, MQTT Messaging Protocol.

o **Nutri-fits**: https://github.com/refentse1/Nutri-fits
- Developed a diet and exercise recommendation system using ReactJS, Ionic Framework, and Firebase.

o **ListingSite**: https://github.com/sitelisting/Listing_Site.git
- Created a platform for recruiters and job seekers using HTML, CSS, JavaScript, PHP, and MySQL.

References

- **Wandi Tobosi** - Discovery (Entelect Contractor) Intermediate Developer
  - **Cel**: 0713299770
- **Kamogelo Mphela** - Discovery (Copious Contractor) Senior Developer
  - **Cel**: 0828370233
- **Ian Matthews** - Discovery (Entelect Contract) Intermediate Developer
  - **Cel**:0670082010