






Siphesihle Sibiya

Junior Software Developer

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PROFILE

Highly motivated and analytical individual seeking a Junior Software Developer or Intern position to apply foundational programming knowledge and problem-solving skills. Eager to contribute to development projects, collaborate with experienced professionals, and learn cutting-edge technologies within a fast-paced environment.

SKILLS

Technical Skills

- Languages: Java, JavaScript, Python, HTML, CSS
- Frameworks: Spring Boot, Javalin, JUnit
- Databases: MySQL, SQLite, H2, Spring Data JPA
- Web Development: RESTful API Development, CRUD Operations
- Version Control & Tools: Git, GitHub, Maven, Postman/Thunder Client
- Development Practices: Agile Methodologies, Test-Driven Development (TDD)

Soft Skills

- Problem-solving, Analytical Thinking, Detail-oriented, Collaboration, Adaptability, Quick Learner, Effective Communication

EDUCATION

Higher Certificate in Information Technology (Software Development) 09/2023 – 12/2024
WeThinkCode_  Gauteng, South Africa

Focus: OOP (Java), data structures, algorithms, and RESTful API development; specialized in systems integration. Experienced in practical, team-based projects using Git, agile methods, full-stack tools, and client-server architectures.

BSc(Hons) in Hydrology and Water Resources Management 01/2017 – 07/2022
University Of Venda Thohoyandou, South Africa


National Senior Certificate(Matric) 01/2012 – 12/2016
Njeyeza Senior Secondary School Nelspruit, South Africa


PROFESSIONAL EXPERIENCE


Software Development Trainee 09/2023 – 12/2024
WeThinkCode_ Gauteng, South Africa

- Completed projects in Java, Python, SQL, Docker, and OOP.
- Built backend systems, RESTful APIs, and integrated databases.
- Wrote unit, integration, and UAT tests (JUnit).
- Applied Agile and Git for teamwork and code reviews.

PROJECTS

Robot World (Client-server Application) - Academic Project 
• Led UAT and testing for a Java-based client-server system using SQLite. Designed test cases, reported defects, and collaborated on fixes. Developed RESTful APIs with Javalin to handle robot commands (e.g., move, fire) and validated endpoints using Thunder Client and unit tests.

Settle-up App 
• Built a full-stack expense tracker using Java (backend) and JavaScript (frontend), featuring RESTful APIs, Java models, and DAO patterns to manage user and transaction data. Designed a responsive UI with HTML/CSS and integrated local storage for real-time updates.

SchPark – Hackathon Winner (Upskilling for Teachers) 
• Led backend development of a platform to help teachers upskill via curated resources.
• Focused on clean, modular code using Django's ORM and views.
• Project won 1st place in a team hackathon for solving educational challenges.

REFERENCES

Available upon request.