

Zanethemba Ngwenya

Full Stack Developer

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Profile Summary

Full Stack Developer with strong experience building scalable applications using Java, Spring Boot, Angular, Python, and JavaScript. Skilled in backend and frontend development, RESTful APIs, and agile methodologies. Trained at WeThinkCode and currently refining expertise at Shaper through real-world, team-based projects.

Work Experience

Full Stack Developer (Trainee), Shaper <ul style="list-style-type: none">Built full-stack apps with Java, Spring Boot, Angular, TypeScriptDeveloped RESTful APIs, managed state with Redux, and integrated databasesDelivered agile-based, real-world projects in collaborative teams	04/2025 – Present Johannesburg, South Africa
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Education

Systems Development (NQF Level 5), WeThinkCode <ul style="list-style-type: none">Focus on Java, Python, JavaScript, Agile, Git, CI/CD, and automated testingDelivered projects aligned with industry standards and real-world practices	09/2023 – 01/2025 Johannesburg, South Africa
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Technical Skills

Languages: Java (SE/EE), Python, JavaScript, TypeScript
Frameworks: Spring Boot, Angular, Hibernate, JPA
Databases: MySQL, PostgreSQL, MongoDB
Tools & DevOps: Git, GitHub, Jenkins, Docker, Trello, CI/CD
Testing: JUnit, Mockito, Selenium
Methodologies: Agile, TDD, Pair Programming

Soft Skills

Problem-solving | Clear communicator
| Agile team player | Time management

Projects

Coding Clinic Booking System <ul style="list-style-type: none">Built Java EE scheduling system with Google Calendar API integrationReduced manual scheduling errors and boosted booking efficiency by 30%Applied TDD for maintainable, reliable code

RobotWorlds Multiplayer Game <ul style="list-style-type: none">Developed real-time robot combat game with Java sockets and OOPSupported 100+ concurrent users with optimized latency and scalable design
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Achievements

Bxrdeless Hackathon Winner <ul style="list-style-type: none">Built Python automation pipelines that cut testing timeIntegrated geospatial APIs into flood-monitoring tools with real-time alertsRecognized for innovation and social impact	31/08/2024
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