

BOITUMELO MATOME THOBEJANE

JUNIOR SOFTWARE ENGINEER | JUNIOR SOFTWARE DEVELOPER | IT SUPPORT

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Portfolio: <https://myportfolioboitumelo.netlify.app> | GitHub: <https://github.com/Boitumelo234>

PROFESSIONAL SUMMARY

Computer Science graduate with almost two years of practical experience across software development, web development and technical support. Hands-on experience building and debugging full-stack applications using Java, Spring Boot, Python, PHP, JavaScript, React, SQL, MySQL and MongoDB. Experienced in front-end and back-end development, API integration, database queries, authentication, UI improvements, testing and troubleshooting. Also have practical hands-on experience with basic computer hardware support, including opening laptops and replacing components such as RAM and storage drives. Built 10+ websites for local clients and contributed to 3 software applications in a professional IT environment. Seeking opportunities as a Junior Software Engineer, Junior Software Developer or IT Support professional.

TECHNICAL SKILLS

Software Development: Java, Spring Boot, Python, PHP, JavaScript, C#, SQL, Object-Oriented Programming, Full-Stack Development

Frontend: HTML, CSS, JavaScript, React, Tailwind CSS, Responsive Web Development, UI Development

Backend & APIs: Spring Boot, Python, PHP, API Integration, Application Logic, Authentication, Debugging, Testing

Databases: MySQL, MongoDB, Database Design, SQL Queries, Data Management

IT Support: Hardware Troubleshooting, Software Troubleshooting, Laptop Hardware Maintenance, RAM Replacement, Storage Drive Replacement, Basic Networking, Technical Problem Solving

Tools & Deployment: Git, GitHub, IntelliJ IDEA, MySQL Workbench, Netlify

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER INTERN

Investhood IT 2.0 | Midrand, Johannesburg | October 2024 – August 2026

- Contributed to **3 software applications**: Grade Genius, Grade 12 Revision Hub and Municipal Citizen App, working within project teams of approximately 8, 6 and 5 members respectively.
- Developed and improved front-end and back-end functionality, including UI features, application logic, database tables and SQL queries.
- Worked on Grade Genius authentication and security-related functionality, including login, OTP verification and password/security checks.
- Built and connected application components through APIs on the Grade 12 Revision Hub and Municipal Citizen App, working across learner/citizen, staff and administrative functionality.
- Performed debugging, testing and technical troubleshooting across applications and completed assigned development tasks.
- Used Git and GitHub for source control and collaborated with team members on requirements, implementation, testing and technical problem-solving.

FREELANCE WEB DEVELOPER

Client Projects | Freelance | 2024 – Present

- Designed and developed **10+ websites** for local clients and small businesses based on their requirements.
- Built responsive websites using HTML, CSS, JavaScript and React, depending on project requirements.
- Communicated directly with clients to understand requirements, implement changes and deliver completed websites.
- Managed projects independently from planning and development through testing and deployment.
- Deployed completed websites using Netlify and provided updates and troubleshooting support.

IT SUPPORT & HARDWARE EXPERIENCE

- Performed hands-on laptop hardware maintenance by opening devices and replacing components when required.
- Replaced or upgraded components such as RAM and storage drives and handled basic hardware-related troubleshooting.
- Applied practical software troubleshooting and technical problem-solving skills when diagnosing computer and application issues.

SELECTED PROJECTS

Grade Genius — *PHP, Python*

Educational platform for school revision and learning. Worked on login, OTP verification, password/security checks, UI improvements, light/dark mode and page functionality. The application is currently live and continues to be developed by the team.

Live: <https://www.gradegenius.org>

Grade 12 Revision Hub — *Java, Spring Boot, React, JavaScript, HTML, CSS, Tailwind CSS, MySQL*

Full-stack revision platform with resources, quizzes and digital question papers. Contributed across front-end, back-end, learner and admin functionality, database tables/queries, API integration, testing and bug fixing.

GitHub: <https://github.com/Boitumelo234/TheGrade12RevisionHub-Frontend> | <https://github.com/Boitumelo234/TheGrade12RevisionHub-Backend>

Municipal Citizen App — *Java, Spring Boot, React, JavaScript, HTML, CSS, Tailwind CSS, MySQL*

Citizen-service application for reporting municipal issues and managing complaints/tasks. Worked across citizen and staff functionality, database tables/queries, API-connected front-end/back-end development, testing and bug fixing; presented the application to the project coordinator.

GitHub: <https://github.com/Boitumelo234/citizen-services-web-app-frontend> | <https://github.com/Boitumelo234/citizen-services-web-app-backend>

EDUCATION

National Diploma in Computer Science — Tshwane University of Technology (TUT) | Qualification completed | 2026

National Senior Certificate — ASC Phalaborwa | 2019

REFERENCES

Jabulani Makhubela | 013 653 3174 | makhubelajk@tut.ac.za

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