

Tom Vuma

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SUMMARY

Motivated and detail-oriented Software Engineer with a strong foundation in Java, Spring Boot, and the MERN stack. Passionate about building secure, scalable, and practical systems that solve real-world problems. Experienced in backend API development, role-based security, and full-stack web applications. Adept at translating complex business requirements into reliable software solutions, with a growing interest in logistics systems, enterprise platforms, and data-driven applications.

EXPERIENCE

Software Engineering Intern

Compuways

Feb 2025 – Dec 2025, Johannesburg (Remote)

- Comprehensive training in full-stack web development with both frontend and backend technologies. The program combines theory with intensive hands-on practicals, enabling me to design, build, and deploy full web applications from scratch. Throughout the course, I developed several real-world projects using modern development practices, version control, and industry-standard tools. Focus areas: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Python, Django, Git/GitHub, HTMX, Java, Spring Framework / Spring Boot, SQL, REST API Development, Postman Key competencies gained include building RESTful APIs, structuring full-stack applications, using SQL and NoSQL databases, implementing authentication, testing API endpoints with Postman, applying objectoriented programming principles, and working with enterprise-level frameworks like Spring Boot.

Customer Insights & Support Intern

YIPS Africa

Jan 2024 – Mar 2024, Remote

- Collected, cleaned, and organized customer feedback and support data.
- Created customer profiles using Excel and Power Query.
- Responded to customer support queries and provided basic troubleshooting.
- Gained experience in client communication, feedback analysis, and support systems.

PROJECT

Enterprise Supply Chain API

Compuways • supply-chain-api-4sgg.onrender.com/swagger-ui.html • January 2026 – January 2026

- I built a scalable Supply Chain API using Java and Spring Boot to manage complex logistics for enterprise environments. It features strict role-based access control, with Admins, Suppliers, Warehouse Managers, and Customers each operating within clearly defined permissions. From user management to inventory and order flows, the system combines layered security with real-world business logic — making it a solid backend foundation for any company looking to streamline and secure their supply chain.

Career Guidance Platform

Compuways and Code College • bula-next.onrender.com/ • August 2025 – September 2025

- Built a career guidance platform that connects learners with mentors to help them explore career paths based on their interests, skills, and goals. The application features a matching system where learners can send requests to mentors, and once accepted, a mentor-learner match is created. This enables personalized career guidance and one-on-one mentorship.

SecretKeeper Application

Compuways and Code College • secretkeeper-85qn.onrender.com/ • June 2025 – June 2025

- Anonymous secret-sharing application with secure authentication.
- Implemented JWT-based authentication and GraphQL API.
- Designed MongoDB schemas for secure data storage.

NotesApp Application

Compuways and Code College • notesapp-node.onrender.com/ • April 2025 – April 2025

- Full CRUD application for note management.
- Implemented secure user authentication and authorization.
- Built REST APIs with Express.js and MongoDB.

WorkoutLog Application

Compuways and Code College • beast-log.onrender.com/ • May 2025 – May 2025

- Workout tracking application with full CRUD functionality.
- Integrated Firebase backend and authentication.
- Built responsive and dynamic user interfaces.

EDUCATION

Full Stack Software Development

Code College • Remote • 2025

- Comprehensive training in full-stack web development with intensive hands-on projects.
- Designed, built, and deployed full web applications from scratch using modern development practices.
- Key Focus Areas: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Python, Django, Java, Spring Boot, SQL, REST APIs, Git/GitHub, Postman, HTMX.

Matric

Sutherland Highschool

- Matric certificate (Bachelors pass).

CERTIFICATIONS

Java Developer Bootcamp – Code College

Code College • Dec 2025

Spring Framework Certification – Code College

Code College • Nov 2025

Web Developer Bootcamp – Code College

Code College • Jun 2025

Java Advanced Certification – Code College

Code College • 2025

Java Beginner Certification – Code College

Code College • 2025

MERN Stack Certification – Code College

Code College • 2025

React Certification – Code College

Code College • 2025

Node.js Certification – Code College

Code College • 2025

SQL Certification – Code College

Code College • 2025

Python Certification – Code College

Code College • 2025

HTMX Certification – Code College

Code College • 2025

Google Data Analytics Professional Certificate – Coursera

Coursera • Jul 2024

SQL – MySQL for Data Analytics & Business Intelligence – Udemy

Udemy • Mar 2024

SKILLS

Java, Spring Framework, Spring Boot

Node.js, Express.js

Python, Django

React, Redux, JavaScript, HTML, CSS

SQL (POSTGRES), MongoDB

RESTful API Development, JWT Authentication & Role-Based Access Control, Swagger, Postman, Git & GitHub, Docker

Languages: English, Sepedi
