

# Alexander Badenhorst

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📍 Based in Centurion, Gauteng  
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🌐 Portfolio Website

## Personal Statement

Junior software developer with strong skills in Java, Spring Boot, SQL, and full-stack web development. Recently completed coding bootcamps in web and Java development at Code College. Passionate about solving problems, writing clean, maintainable code, and building real-world applications. Quick to learn, adaptable, and eager to contribute to a development team.

## Key Skills

- Programming & Frameworks: Java, Spring Boot, Spring Framework, JavaScript, Node.js, React, TypeScript
- Databases: PostgreSQL, SQL (joins, triggers, stored procedures)
- Web Development: HTML5, CSS3, REST APIs
- DevOps & Deployment: Docker, Docker Compose, Git, GitHub, GitHub Actions, Vite + React deployments
- Other: Debugging, problem-solving, algorithmic thinking
- Languages: Fluent in English and Afrikaans

## Education

- Java Developer Bootcamp — Jul 2025 – Jan 2026  
Code College
- Web Developer Bootcamp — Jul 2024 – Jan 2025  
Code College
- Matric (Full Qualifications) — 2019  
Teneo Online School

## Projects

- Portfolio Website — React, TypeScript, GitHub Pages

Designed and deployed a personal portfolio website showcasing projects, skills, and professional information.

- Chat Application — MERN Stack (MongoDB, Express, React, Node.js)

Built a real-time chat application with user authentication, persistent message storage, and a responsive interface.

- [Library Management API](#) — Spring Boot, PostgreSQL, Docker, JWT, Swagger

Developed a backend system supporting authentication, role-based access, and full CRUD operations for authors, books, borrowers, and loans. Integrated PostgreSQL using Docker Compose and documented all endpoints via Swagger UI.

## Employment History

- **Software Developer — Compuways (2024–Present)**  
Hands-on development of full-stack applications, REST APIs, authentication systems, SQL databases, and Dockerized Spring Boot services, following clean code and industry best practices.
- **Range Officer & Sales Assistant — Waterfall Arms & Guthries Shooting Range (2022–2024)**  
Customer service, compliance, equipment sales, data management, and teamwork.
- **Freelance Bagpipe Musician (2016 – Present)**  
Performing at weddings, funerals, and formal events.

## References

Available on request.