

# Tanaka Rodney Hungwe

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## SKILLS & INTERESTS

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**Skills:** Languages: Java, C++, JavaScript, HTML5, CSS3, SQL.

Frameworks: Spring Boot.

Databases: PostgreSQL.

Tools: Git, GitHub, Docker, IntelliJ IDEA, VS Code, Postman, pgAdmin.

Concepts: REST APIs architecture, Responsive Design, OOP, CRUD Operations.

**Interests:** Open source, Hackathons, Clean code, Learning fintech, Cybersecurity CTFs (beginner)

## EDUCATION

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**Eden University**

*Bachelor of Science in ICT*

**Lusaka, Zambia**

*Graduation Date: Aug 2028*

## RELEVANT COURSEWORK

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- Object Oriented Programming (Java), Software Engineering
- Database Management Systems, Web Development

## PROJECT EXPERIENCE

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### Backend Projects

#### *Student Management API*

- Built a RESTful API for managing student data, including CRUD operations for students, courses, and registrations.
- Implemented layered architecture using Controllers, Services, and Repositories.
- Connected to PostgreSQL using Spring Data JPA.
- Used tools such as Postman, IntelliJ, and GitHub.
- GitHub: [github.com/dev-tanakarh/student-management](https://github.com/dev-tanakarh/student-management)

#### *Task Tracker API*

- Designed and developed a RESTful Task Tracker API for managing user tasks and productivity.
- Implemented full CRUD operations for tasks, including features such as due dates, completion status, and priority.
- Followed clean architecture principles using services, repositories, with proper DTO mappings for request/responses.
- Integrated PostgreSQL for persistent data storage and tested endpoints using Postman.
- GitHub: [github.com/dev-tanakarh/task-tracker](https://github.com/dev-tanakarh/task-tracker)

### Frontend Project

#### *Portfolio Website*

- Developed a responsive portfolio website to showcase projects and resume.
- Implemented mobile-first design using Flexbox and media queries.
- Integrated interactive project cards and contact form.
- Live: [dev-tanakarh.github.io/portfolio](https://dev-tanakarh.github.io/portfolio)
- GitHub: [github.com/dev-tanakarh/portfolio](https://github.com/dev-tanakarh/portfolio)

## SOFT SKILLS

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- Problem-Solving and Critical Thinking
- Self-motivated and eager to learn new technologies
- Effective communication and collaboration

## REFERENCES

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- References available upon request