MONTEL WOOD

**Software Developer**

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q <https://github.com/montel26>

q <https://montel26.web.app/>

9 Johannesburg

# PROFESSIONAL SUMMARY

Driven junior software developer with expertise in full-stack development across Java, Python, and TypeScript. Skilled in Spring Boot,

# TECHNICAL SKILLS

Programming Languages: Java, Python, TypeScript

Angular, and modern web technologies, with a strong foundation in

backend development, DevOps, and innovative problem-solving.

Passionate about creating scalable software solutions and continuously expanding technical capabilities.

# EDUCATION

## Higher Certificate In Systems Development

WeThinkCode\_

2023 - 2024

# PROJECTS

## Built my own redis

Johannesburg, South Africa

<https://github.com/montel26/Redis-App>

Developed a custom Redis-like in-memory key-value store in Java, demonstrating advanced software engineering skills. Implemented high- performance data management with efficient memory allocation, concurrent access handling, and complex data structure support.

Created a robust system that mimics the core functionality of a

distributed caching infrastructure. Showcased deep technical expertise in low-level system design and high-speed data processing technologies.

## Portfolio Website

Johannesburg, South Africa

<https://github.com/montel26/myWebsite>

Developed an innovative web application using Angular and TypeScript, featuring advanced 3D visualization with Three.js and robust backend infrastructure powered by Firebase. Created an immersive, interactive user experience with cutting-edge web technologies, demonstrating

sophisticated front-end development skills and modern web design principles. Integrated complex 3D rendering capabilities with real-time database management for a dynamic, responsive web platform.

## Neural Network

Johannesburg, South Africa <https://github.com/montel26/NeuralNetwork>

Engineered a custom neural network implementation in Java, demonstrating advanced machine learning and algorithmic design skills. Developed complex computational models for learning and pattern recognition, including custom activation functions, backpropagation logic, and gradient descent optimization. Created a sophisticated

mathematical framework for artificial intelligence processing from scratch. Showcased deep understanding of machine learning principles and low-level computational techniques.

Frontend Technologies: Angular

Backend Technologies: Spring Boot, Node.js, REST APIs

Databases: MySQL, Firebase Tools: Docker, NPM

Version Control: Git

# EXPERIENCE

## Angular freelancer

Finches Management

10/2024 - 12/2024



Johannesburg, South Africa

[https://github.com/montel26/montel26-](https://github.com/montel26/montel26-FinchesAccountants-site) [FinchesAccountants-site](https://github.com/montel26/montel26-FinchesAccountants-site)

Finches Management is a dynamic Digital

Accounting services company, that provides tailored

business solutions to its clients.

Their service offering ranges from Accounting, Taxation, labour and Business Advisory services for Small and Medium businesses in divergent industries.

* Created their landing page using angular,firebase,npm and typescript.

Sherwen Diamond

11/2024 - 12/2024 Johannesburg <https://github.com/montel26/PhotoManSite>

* Made a landing page for a Photographer using html, css and JavaScript.



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