

# DENZEL SELOKELA

## SOFTWARE DEVELOPER

### CONTACT



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<https://github.com/DenzelSE>



[www.denzelse.vercel.app](http://www.denzelse.vercel.app)



30 Albert st, Marshaltown, Johannesburg

### SKILLS

Team Collaboration

Adaptability

Problem Solving

Nextjs

Rest APIs

Object Oriented Programming

Data Structures and Algorithms

Model-View-Controller (MVC)

### EDUCATION

#### WeThinkCode\_

**System development : System integrations,  
Computer Software  
Engineering**

2023 - 2025

Programming Fundamentals, Object  
Oriented Programming, Brownfield  
development, Web Development,  
Blockchain Development

#### University Of Johannesburg

**BscHons in Zoology**

2020 - 2020

Biomonitoring of freshwater bodies using  
bioassays. Assessing water quality of various water  
sources using a bioassay (Thamnotoxkit-F) under  
the supervision of Dr. A Nel.

#### University Of Johannesburg

**PGCE (Life Sciences and Natural Sciences**

2022 - 2022

Teaching FET Life Sciences and SP Natural  
Sciences . Grade 9 - 12.

#### University Of Johannesburg

**Bsc Life and Environmental Sciences (Zoology  
and Human Physiology**

2016 - 2019

Research Sciences in biological field. Practical  
experiments and reports writing

### PROFILE

I am a passionate software developer and a final year WeThinkCode\_ student with a strong work ethic and a deep interest in leveraging technology to improve lives. Since starting my journey in July 2023, I have built websites, and worked on innovative projects like a decentralized voting system on the Scroll-Sapolia-Test blockchain network. I have participated in hackathons, such as Scroll Vortex and the Celo Hackathon, where my team won a prize for the "Best Built dApp on Minipay." I was recognized as part of top 50 second semester students at WeThinkCode for OOP in java. I am working on a Web3 startup while exploring emerging technologies like blockchain, AI, and nanotechnology. Guided by the principle that "Proper preparation prevents poor performance," I am dedicated to continuous learning and making impactful contributions to software development.

### WORK EXPERIENCE

#### Laboratory Demonstrator

University of Johannesburg

Feb 2020 - Dec 2020

### EXPERTISE

- I am proficient in Java, Python, JavaScript, TypeScript, Solidity, SQL
- Built projects with Spring Boot, React , Nextjs, Nodejs, Thymleaf, Mysql, MongoDB
- Designing and implementing CI/CD pipelines for brownfield project and Integrating docker for containerization.
- Developing a multithreaded server to handle multiple client connections concurrently using Java, ensuring efficient communication and responsiveness.
- Java database connectivity (JDBC) for persistence
- Unit Testing (JUnit5, Mockito), Integration Testing, Unittesting
- REST APIs, Microservices Architecture, WebSockets
- Docker, GitHub, GitHub Actions, Hardhat, Gitlab
- MVC Network Programming (TPC/UDP)
- SOLID principles of programming
- Smart Contracts development (ERC721 , ERC20 , ERC1155)
- NFT staking and Cross chain integration

### REFERENCES

**Peter Manda**

**WeThinkCode** | Performance Administrator



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**Sashlyn Govindasamy**

**Merchant Capital** | System Ops Analyst



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