

Nhlanhla Malaza

Gauteng, Johannesburg

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SUMMARY

As an experienced software engineer, I specialize in web development and have a passion for continuous learning and improvement. My interest in software engineering began at a young age, as I was consistently curious about understanding the intricacies of how things work.

In high school, I tutored a Computer Applications Technology class as part of my extracurricular activities. Since then, I have continued to pursue my passion for software engineering through self-studying, side projects, university courses, industry certifications, and work experience.

My career began as a web developer for a South African modeling agency, where I gained experience in creating high-quality web applications. I then worked as a developer for a start-up social networking company, where I contributed to the development of innovative web features. Most recently, I have worked as a Junior Software Engineer at Rysis Software, where I have honed my skills in web development and software engineering.

I am committed to continuous self-improvement and sharing my knowledge and experiences with others. For example, I have developed a portfolio website (njmtech) where I showcase my development skills and provide resources for other aspiring software engineers. Through my dedication to learning and teaching, I have become proficient in a variety of programming languages, frameworks, and tools.

SKILLS

React, Git, Agile, Typescript, .NET, Docker, VS Code, Postgres SQL, Microsoft SQL Server, Azure Functions, MYSQL, Postman, Bash Scripting, Powershell Scripting

WORK EXPERIENCE

Rysis Software

Software Engineer

Apr 2022 - Present
Gauteng, Johannesburg

- Working in Agile Development.
- Collaborated with cross-functional teams to define and design new features.
- Utilize modern CI/CD tools and services for C# applications.
- Review, Analyze & Document bugs/issues accurately and clearly.
- Object-Oriented Programming with a focus on reusable design patterns.
- Participate in Scrum Daily Stand-up, Sprint, and iterative development activities.
- Unit testing applications using NUnit with a focus on Test Driven Development (TDD).

Pangea Productions Agency

Freelance Web Developer

Jul 2021 - Nov 2021
Gauteng, Johannesburg

- Update the website with a responsive user experience.
- Apply an engaging UI/UX design that appeals to the audience (film, music, stills and commercial industry).
- Customized email templates that align to the brand.
- Update framework regularly.

PROJECTS

Selassie Store

Contributor

Jan 2020 - Present
Remote

- Developed and optimized the e-commerce platform's front-end using React for a seamless user experience.
- Implemented secure payment gateways (e.g., PayPal, Stripe) and integrated with the back-end using RESTful APIs, ensuring safe transactions and enhancing customer trust.
- Integrated user authentication and role-based access control using JWT, improving site security and user account management.
- Developed an automated email notification system for order confirmations, shipping updates, and abandoned cart reminders, increasing customer engagement and retention.
- Set up CI/CD pipelines for automated testing and deployment, reducing deployment time by 40% and minimizing downtime during updates.
- Optimized mobile responsiveness to ensure a high-quality shopping experience across all devices, leading to a 25% increase in mobile sales.

EDUCATION

University of Johannesburg
Bachelor of Science in Computer Science

Jan 2018 - Jul 2022

CERTIFICATIONS

Full Stack Web Development Bootcamp
Full Stack Web Development Bootcamp

Shopify Developer
Shopify Developer

TDD Fundamentals in C#
TDD Fundamentals in C#