

NHLAKANIPHO NSUNDWANE

Software Engineer

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PROFESSIONAL SUMMARY

Passionate and driven software developer with a Distinction-average Diploma in Information Technology (Software Development) and over two years of hands-on commercial and freelance experience building full-stack web and mobile applications. Skilled in React, Node.js, TypeScript, Express.js, and both SQL and NoSQL databases. Strongly motivated to pursue further formal IT/software engineering studies and grow into a career solving real-world business problems through technology.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Kotlin, Swift, PHP, SQL, HTML5, CSS3
Frontend: React.js, Next.js, TanStack, Tailwind CSS, Responsive Design
Backend: Node.js, Express.js, RESTful API Development, PHP
Databases: PostgreSQL (Supabase), MongoDB, MySQL, Firebase
Cloud & DevOps: Microsoft Azure, Docker, Git, GitHub, CI/CD Pipelines
Mobile: Flutter, Android Studio (Kotlin/Java), Swift (iOS), FlutterFlow
Methodologies & Tools: Agile/Scrum, TDD, Code Reviews, Git/GitHub, Postman, Jira, Figma, VS Code

PROFESSIONAL EXPERIENCE

Junior Software Developer 1 September 2025 – 31 August 2026
Eragateway | Johannesburg, South Africa

- Architected and delivered scalable web applications using React.js, Node.js, Express.js, PHP, and MySQL, driving high performance and long-term maintainability.
- Engineered and optimized RESTful APIs, integrating third-party services to power dynamic web and mobile applications.
- Built cross-platform Android applications (Java/Kotlin), integrating backend APIs to deliver seamless user experiences.
- Boosted application performance by optimizing SQL queries and refining database structures for faster data retrieval.
- Drove Agile delivery through active participation in ceremonies, code reviews, debugging, testing, and production deployments alongside cross-functional teams.

Software Developer Intern 9 July 2024 – 30 June 2025
Tshimologong – Digital Innovation Precinct | Johannesburg, South Africa

- Developed backend services and RESTful APIs using Node.js, Express.js, TypeScript, and MongoDB.
- Built responsive, user-friendly web applications using React.js, HTML5, CSS3, JavaScript, and Tailwind CSS.
- Collaborated with developers in Agile sprints, contributing to planning sessions, code reviews, and feature delivery.
- Managed version control and collaborative development using Git and GitHub branching strategies.
- Debugged and tested application features to ensure reliability and a smooth user experience before deployment.

PROJECTS

BotSync — Mobile Trading Automation Platform June 2026 – Present
[bot-sync.com](#) | Remote | Full-Stack Developer (Part-time)

- A cross-platform mobile trading automation ecosystem connecting MT4/MT5 broker accounts for traders worldwide.
- Engineered the web dashboard using React, TypeScript, and TanStack, delivering real-time account monitoring and control.
- Built and containerized backend services with Node.js, Express, TypeScript, Docker, and PostgreSQL, powering scalable, reliable infrastructure.
- Developed the Android application using Flutter and native Kotlin (Android Studio) for seamless mobile trade management.
- Currently leading development of the iOS application in Swift, extending BotSync into a full multi-platform ecosystem.

Tech stack: React, TypeScript, TanStack, Node.js, Express, Docker, PostgreSQL, Flutter, Kotlin (Android Studio), Swift

Bakone Trades — Automated Trading Platform

April 2026 – May 2026

bakonetrades.com | Remote | Freelance Full-Stack Developer (Part-time)

- Designed and engineered a full-stack automated trading platform using React.js, Node.js, TypeScript, and PostgreSQL (Supabase).
- Implemented secure RESTful APIs with JWT authentication, role-based access control, and protected user sessions.
- Architected relational database schemas and optimized queries to boost performance and scalability.
- Built responsive dashboards delivering real-time data tracking and visualization.

Tech stack: React.js, Node.js, TypeScript, PostgreSQL (Supabase)

Mosele Africa — Crowdfunding Platform

July 2025 – November 2025

Remote | Freelance Full-Stack Developer (Part-time)

- Built a crowdfunding platform connecting African authors and readers using React.js, Node.js, Express.js, TypeScript, and MongoDB.
- Designed and implemented backend APIs powering authentication, campaign management, donations, and user administration.
- Integrated secure payment processing and automated email notifications, elevating the overall user experience.
- Deployed and maintained the application on Vercel, monitoring performance and resolving production issues.

Tech stack: React.js, Node.js, Express.js, TypeScript, MongoDB

EDUCATION

Diploma in Information Technology – Software Development

2021 – 2023

IIE Rosebank College | Johannesburg, South Africa

Cumulative Average: Distinction (NQF Level 6, 360 credits)

ADDITIONAL INFORMATION

Languages: English (Fluent), isiZulu (Native), isiXhosa (Conversational)

Availability: Open to hybrid, remote, and on-site opportunities. Willing to relocate.

References: Available upon the request.