

Peace Khotso Makinita

Software Engineer | Mobile & Full-Stack Developer

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<https://github.com/Peace-Makinita/>

Profile

Software Engineer with over 7 years of professional experience building scalable backend, web, and mobile applications. Professionally, I've delivered production systems using Node.js, TypeScript, Next.js, PostgreSQL, and AWS across the telecommunications and financial services industries.

Outside of my professional role, I enjoy building products from the ground up. My main personal project is HouseLine, a web-based ticketing, events, and digital commerce platform that I have designed and developed end-to-end. The platform brings together event ticketing, merchandise, payments, producer management, QR-based ticket validation, and a WhatsApp-based customer experience. Building HouseLine has given me the opportunity to work across the full product lifecycle from designing the architecture and REST APIs to implementing payment integrations, database models, authentication, and the user-facing web application.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, SQL
- **Mobile:** React Native, Expo, Expo Router
- **Frontend:** React, Next.js, Redux, HTML5, CSS3
- **Backend:** Node.js, Express.js, REST APIs
- **Databases:** PostgreSQL, MongoDB
- **Cloud & Deployment:** AWS Lambda, EventBridge, Step Functions, Render, GitHub Actions
- **Tools & Libraries:** Git, Axios, Mongoose
- **Testing:** Jest, Mocha

Selected Projects

HouseLine

Founder & Lead Software Engineer (Private Repository)

- Designed and built a WhatsApp-first event ticketing and merchandise platform using Next.js, [Node.js](#) and MongoDB.
- Implemented secure payment integrations using PayFast and Ozow.
- Built QR-code ticket generation and event check-in functionality.
- Developed producer dashboards, admin tools, and customer support workflows.
- Designed scalable REST APIs and backend services for ticketing, merchandise and order management.
- Repository available upon request.

DVT Weather App

Technical Assessment (Private Repository)

- Completed a React Native technical assessment for DVT.
- Built a cross-platform weather application using Expo and TypeScript.
- Integrated weather APIs, favourites, location services and reusable component architecture.
- Implemented Jest testing and GitHub Actions CI.
- Repository available upon request.

Professional Experience

2026 - present

BBD Software Development

Client: First National Bank

Environment: Java, Spring Boot, Internal Enterprise Web Framework

- Contributed to enterprise applications within FNB's Java and Spring Boot technology environment.
- Working with the FNB's internal web framework to implement and maintain application functionality.
- Participated in the full software development lifecycle, including requirements analysis, development, debugging, testing, and delivery.

2025 - 2026

BBD Software Development

Client: Standard Bank Rosebank Johannesburg

Squads / Projects: DIP (Digital Integration Platform)

- Developed serverless backend services using AWS Lambda, EventBridge, and Step Functions for scheduled processing and workflow automation.
- Designed and implemented RESTful APIs for template management, improving deployment efficiency and reducing manual processes.
- Optimized PostgreSQL data processing using partitioning and streaming techniques to improve performance on high-volume datasets.
- Built version-controlled template management features with secure CRUD operations and rollback capabilities.