Harry Badimba Botema

■ altrotechai@gmail.com | ■ +27 82 661 2990
■ Cape Town, South Africa | LinkedIn | GitHub

Professional Summary

Senior Full-Stack JavaScript Engineer with over 5 years of experience delivering scalable, user-focused applications using React, Next.js, Expo, and Supabase. Strong background in AI-assisted development, automation workflows, and API integration. Experienced in guiding teams through Agile sprints, mentoring junior developers, and deploying high-performance products on Vercel and AWS. Skilled at balancing design precision, technical architecture, and execution speed in startup-style environments.

Professional Experience

Senior Frontend Developer / AI Automation Engineer

Ai Drip – Cape Town, South Africa | Jan 2024 – Present
• Developed and maintained full-stack applications using React.js, Next.js, and Python.
• Created AI-driven automation workflows and agentic systems using n8n.
• Integrated V0, Lovable, and Cursor to accelerate prototyping and feature delivery.
• Designed RESTful APIs and optimized backend-to-frontend data flow, improving performance by 30%.
• Enhanced server-side rendering and state management, cutting load times by 40%.
• Provided technical mentorship to junior developers and led Agile sprint reviews.

Frontend Developer (Private Clients – Confidential Projects)

Freelance / Remote | 2020 – 2023
• Delivered multiple client applications under NDA using React.js, Next.js, Tailwind CSS, and TypeScript.
• Implemented Supabase and Django/Node.js backends, ensuring secure auth and realtime updates.
• Developed reusable component libraries and responsive UIs across devices.
• Collaborated with creators and startups to launch MVPs and AI-integrated products.

Representative Projects (private):

• CreatorAI Hub – Next.js + Supabase AI dashboard for automated content generation.
• ExpoFit – Cross-platform mobile fitness app with Supabase Auth and storage.
• InfluenceLaunch – Internal tool for managing creator campaigns and analytics.

Backend Developer (Internship / Bootcamp Projects)

Remote / Udemy Programs | 2019 – 2020
• Designed and deployed APIs and SQL databases using Python and Django.
• Implemented authentication systems and REST endpoints for microservices.
• Collaborated in Agile teams to simulate production environments and testing cycles.

Education

• Front End Bootcamp – Udemy (Remote) | Jan 2022 – Sep 2022: HTML, CSS, JavaScript, Python, React, Next.js, Django, TypeScript, Tailwind, Bootstrap
• Backend Bootcamp – Udemy (Remote) | Jan 2019 – Apr 2020: Python, Next.js, APIs, Databases, Server-Side Development
• Python Bootcamp – Remote | Jan 2019 – Dec 2019: APIs, Databases, Server-Side Development
• Mathematics – University of Cape Town | Jan 2012 – Dec 2014: Focus on Statistics, Applied Mathematics, and Logic

Core Technical Skills

Frontend: React.js, Next.js, Expo, JavaScript, TypeScript, Tailwind CSS, Bootstrap
Backend: Supabase, Python, Django, Node.js, Express, SQL, REST APIs
AI & Automation: n8n, V0, Lovable, Cursor, OpenAI API
Tools & Workflow: Vercel, Git/GitHub, Agile/Scrum, CI/CD, Cloud Services

Highlights

- Delivered AI-powered prototypes to production in under two weeks.
- Improved application efficiency by up to 40% through SSR and caching optimizations.
- Experience in secure authentication (Supabase Auth + Next middleware).
- Strong analytical background rooted in mathematics and systems design.
- Committed to clean architecture and maintainable code standards.