

PERSONAL SUMMARY

I am a Senior Backend Engineer with more than 10+ years of experience delivering production systems across fintech and e-commerce. Focused on Node.js, TypeScript, and robust relational database architectures. Proven track record of collaborating in agile teams to build scalable APIs, optimize data queries, and manage cloud integrations. Currently completing a BSc in Computer Science with a focus on Big Data systems and Python data tools. Available for global remote roles (GMT+2 / EMEA aligned).

TECHNICAL SKILLS

Backend & APIs: Node.js, Express, RESTful APIs, Webhooks, Event-Driven Architecture

Databases & Tenant Isolation: PostgreSQL Supabase RLS, MySQL, Redis

Frontend Core: TypeScript, React.js, Vite, Client-Side SPAs, Zustand, Vue.js, Tailwind CSS

Cloud, DevOps & Debugging: Docker, AWS (EC2), Linux/Nginx, GitHub Actions, Network Analysis Logs

KEY ACHIEVEMENTS

- Delivered production systems across fintech, e-commerce, sports, hospitality, and enterprise sectors.
- Built and launched a complete booking platform used in production.
- Delivered solutions for major clients across hospitality, banking, retail, and enterprise sectors.

PROFESSIONAL EXPERIENCE

Freelance Engineer & Data Contractor

January 2026 - Present

- Engineered full-stack applications using Node.js, Express, and TypeScript, focusing on strict type safety and schema validation for data integrity
- Developed automated data ingestion scripts in Python using Pandas and NumPy to clean, aggregate, and normalize messy external datasets.
- Designed and optimized relational database schemas (PostgreSQL) to handle analytical queries efficiently.
- Completed final academic modules for BSc in Computer Science, focusing deeply on Big Data distributed architectures.

Stylistic Creative Agency

Senior Full Stack Engineer (Contract)

June 2025 - December 2025

Johannesburg, Gauteng

- Built and launched a full booking system from start to finish using Laravel, Inertia.js, and Vue.js, available at <https://book.gritspace.co.za>.
- Developed the backend system using Laravel's routes, controllers, migrations, and Eloquent ORM, with proper validation and activity tracking.
- Built responsive and user-friendly frontend pages with Vue.js and Inertia.js for a smooth experience across devices.
- Improved system speed and stability by refactoring middleware, optimizing database queries, and using caching where needed.

- Applied security best practices including authentication, authorization, and CSRF protection to keep user data safe.
- Handled the full project lifecycle from planning and development to deployment, testing, monitoring, and ongoing improvements.
- Integrated booking, invoicing, and user management features to support business operations.

Wunderman Thompson (VML)
Full Stack Engineer (Drupal / Next / TypeScript)

February 2023 - May 2025
Johannesburg, Gauteng

- Built and optimized custom Drupal modules and themes for clients, integrating Solr search.
- Worked on SA20 website using Next.js, TypeScript, and Supabase, improving performance and SEO.
- Completed Nando's coupon system using Vue.js, TypeScript, and Firebase
- Worked in agile teams using Docker, Git, and Jira to deliver high-quality releases on schedule.
- Collaborated with DevOps teams on deployment workflows and application delivery processes.

FGX Studio
Senior Full Stack Developer (Laravel/ Vue.js)

June 2022 - February 2023
Johannesburg, Gauteng

- Resolved payment gateway issues on the City Lodge Hotels platform using Laravel and MySQL.
- Developed the Resilient website using Laravel, Vue.js, and MySQL.
- Completed FGX's internal CMS by optimizing workflows & improving maintainability.
- Mentored junior developers and supported ongoing website enhancements and bug fixes.

Quest Communications
Full Stack Web Developer

September 2020 - April 2022
Johannesburg, Gauteng

- Strauss & Co Website: Designed and developed a custom WordPress theme for Strauss & Co, integrating it with a CodeIgniter backend to enable seamless content management and live auction data updates. <https://www.straussart.co.za>
- Customized WordPress themes and plugins for multiple client projects.
- Developed responsive front-end UIs using CSS, Bootstrap, and DIVI.
- Managed website deployments via WHM and client review cycles to ensure smooth project delivery.

Ecoweb Plus Digital
Software Developer (Laravel/ Vue / React)

November 2018 - July 2020
Johannesburg, Gauteng

- Created Laravel-based backend systems for Eco-Business
- Built internal tools for Mineworkers Provident Fund <https://www.mwppf.co.za>
- Developed cross-platform apps using Vue and React

EDUCATION

Bachelor of Science in Computer Science
University of the People (Online)
Expected Graduation: 2026

Advanced Diploma in Computer Engineering
A.B.M.A.
2011 to 2013