

Brett du Plessis

Lead Frontend Developer

CONTACT

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PROFESSIONAL EXPERIENCE

Junior Frontend Developer | July 2024 – June 2025

Lead Frontend Developer | July 2025 – Present

Supply Chain Network (SCNet)

- Led the redevelopment of the company’s core client and internal staff portal using Next.js, replacing a legacy ASP.NET application to improve scalability, performance, and maintainability. Implemented a modern UI architecture using Tailwind CSS, HeroUI, and reusable custom components.
- Contributed extensively to backend development by designing and optimizing SQL Server stored procedures and supporting the development of C# APIs hosted in Azure.
- Led the design and delivery of a multi-tenant, white-label procurement platform for DP World, implementing tenant-specific workflows, role-based access controls, reporting features, and enterprise branding requirements.
- Designed and implemented a contract management system, enabling clients to manage supplier contracts, documentation, and lifecycle processes within a centralized platform.
- Developed and deployed a React Native mobile application, successfully publishing to both the Apple App Store and Google Play Store, and providing ongoing support and enhancements.

Key Responsibilities

- Developing and maintaining a Next.js front-end portal as part of a large-scale migration from legacy ASP.NET
- Designing and optimizing SQL Server databases, queries, and stored procedures
- Building and maintaining C# APIs in Microsoft Azure
- Managing web server infrastructure and deployments to ensure performance and reliability
- Implementing enterprise-grade multi-tenant solutions
- Supporting and enhancing the contract management system
- Maintaining and updating the React Native mobile application

EDUCATION

University of Pretoria | 2019 – 2024

Bachelor of Science in Information and Knowledge Systems (BSc IKS)

- Majoring in Data Science
- The Science of Data Analytics (STK 353) – 81%
- Software Modelling (COS 214) – 64%
- Software Engineering (COS 301) – 69%
- Computer Security and Ethics (COS 330) – 76%
- Programming Languages (COS 333) – 65%

Capstone 2022

Office Booking System designed for EPI-USE

[Link to Office Booker repo](#)

Clifton College – 2014 – 2018