

BONOLO SELOWA | SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Software Developer with real-world experience building scalable systems. My journey began with curiosity about how things worked in the browser, which evolved into a strong expertise in backend architecture, microservices, authentication, databases, and cloud-ready deployments. Analytical, self-driven, and focused on delivering reliable solutions.

CORE COMPETENCIES

- ✓ HTML, CSS, JavaScript, TypeScript
- ✓ React.js, Next.js, Bootstrap 5
- ✓ Node.js, Express.js
- ✓ C#, ASP.NET Core, Web APIs
- ✓ RESTful API design and integration
- ✓ Microservices architecture and Clean Architecture principles
- ✓ JWT authentication and authorization
- ✓ Rate limiting and API security
- ✓ Role-based access control (RBAC)
- ✓ Environment-based configuration and secrets management
- ✓ CI/CD pipelines, Docker , AWS, AZURE and containerized applications
- ✓ MongoDB, MS SQL server and PostgreSQL
- ✓ Performance optimization and scalability considerations
- ✓ Excellent spoken and written English
- ✓ Highly adaptable, fast learner, detail-oriented
- ✓ Able to work independently and contribute meaningfully in collaborative technical environments
- ✓ Strong problem-solving and analytical thinking

PROFESSIONAL EXPERIENCE

Elan Tour De Force

Backend Developer | Remote, Hatfield, Pretoria | 01/08/2025 – Present

- Responsible for building and maintaining a scalable backend for product management using Clean Architecture, domain-driven principles, and event-driven patterns.
- Implements secure authentication and authorization (JWT, role-based access, rate limiting) to protect sensitive business operations.
- Develops production-ready REST APIs that power internal tools, admin dashboards, and customer-facing systems.
- Designs and manages the PostgreSQL database, ensuring clean migrations, data integrity, and high-performance queries.
- Implements full audit logging to provide visibility, accountability, and traceability across all platform activities.
- Improves system speed and stability through caching strategies and backend performance optimizations.
- Dockerizes services and automates deployments to reduce errors, increase reliability, and streamline release cycles.

Param Solutions

Backend Developer | Remote, Rosebank, Johannesburg | 15/04/2024 – 30/06/2025

- Utilized C# ASP.NET Core to design and implement robust and scalable applications that handled high traffic loads without compromising performance.
- Worked within a microservices architecture that enabled independent deployments, clearer service boundaries, and faster iteration cycles
- Used CQRS with delegates within Clean Architecture to improve code maintainability, separation of concerns, and scalability while reducing coupling between application layers.
- Implemented CI/CD pipelines to catch errors early in the development process. Diagnosed and resolved post-deployment failures on Azure, including service crashes, publishing profile issues, and MongoDB connectivity errors, ensuring rapid recovery and minimal downtime.
- Developed and integrated APIs using FastAPI, enabling high-performance backend services and faster response times.
- Worked .NET MAUI applications, improving accessibility and user experience across multiple devices.
- Worked on Next.js frontend, integrating APIs and ensuring seamless communication with backend services.
- Performed unit testing and validation to maintain high code quality and prevent regressions.
- Optimized web applications for responsiveness and mobile performance across devices.

DefoPage

Frontend Developer | Remote, UK-based company | 01/04/2024 – 15/06/2024

- Successfully translated Figma designs into fully responsive, SEO-optimized HTML pages, ensuring high performance and accessibility.
- Implemented cross-browser compatibility, delivering consistent and polished user experiences across all major web browsers and devices.

Gift's Glass and Aluminium

Frontend Developer | Midrand | 11/04/2022 -15/12/2023

- Created a Bootstrap landing page for my client's portfolio, saving time and enabling online consultations for my client.
- Enhanced website user experience by developing responsive and interactive design elements.
- Streamlined website loading times for improved performance using SEO techniques.
- Boosted client's conversion rates and solved visibility issues, with the website serving as 24/7 sales tool
- I was responsible for content management and maintenance of the website.