

COMFORT NYATSINE

Senior Full Stack Developer

+27 84 919 2581 | comfynyatsine@gmail.com | Johannesburg, South Africa

LinkedIn: [linkedin.com/in/comfortnyatsine](https://www.linkedin.com/in/comfortnyatsine) | GitHub: github.com/comfie

PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with 7 years of experience designing and delivering enterprise web applications. Specializing in .NET Core, Angular, and Flutter with expertise in authentication systems, API development, and GIS integrations. Currently architecting AI-driven SaaS platforms with LLM integration for automated regulatory compliance. AWS Cloud Practitioner certification in progress. Track record of 95% on-time delivery, 25% database performance improvements, and mentoring development teams.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET Core, .NET Framework, ASP.NET, Razor Pages, Java, Spring Boot, Python, Flutter (Dart), Android, AI/LLM Integration

Frontend: Angular 16+, TypeScript, React, Next.js, NestJS, Node.js, Tailwind CSS, HTML5/CSS3, JavaScript, jQuery, Bootstrap

Backend & APIs: RESTful APIs, JWT Authentication, OAuth, Role-Based Authorization, Microservices, OpenAI API, Multi-tenancy Architecture, SignalR

Databases: SQL Server, PostgreSQL, MySQL, MongoDB, Firebase

Cloud & DevOps: AWS (S3, Elastic Beanstalk, CloudFormation, Lambda), Azure, Docker, Git, CI/CD pipelines, Jira, SCRUM

Specialized: Esri ArcGIS Maps, GeoJSON, State management (NgRx, RxJS), Payment gateway integration, Unit & Integration Testing

WORK EXPERIENCE

Full Stack Software Developer | Luna Software Solutions | *Aug 2020 - Present*

- Maintained and enhanced TRX Systems, a complex enterprise back-office solution integrating with Sage Pastel accounting software, supporting daily operations for multiple clients.
- Developed TRX BOM Upload Web Client using .NET 9 with Mouser API integration, JWT authentication, and SignalR real-time updates, streamlining Bill of Materials processing for procurement teams.
- Built and deployed web application enabling online computing power rental with integrated payment services, increasing sales by 10%.
- Successfully migrated enterprise web application from .NET Framework to .NET Core, improving scalability and reducing deployment complexity.
- Managed API deployments on AWS using S3, Elastic Beanstalk, CloudFormation, and Lambda functions.
- Improved database performance by 25% through query optimization and indexing strategies, accelerating project delivery by 15%.
- Developed full-stack educational platform for Grades 0-7 with offline capabilities, adopted by numerous learners across multiple schools.
- Mentored junior developers in Angular and .NET best practices through code reviews and pair programming sessions.
- Led technical interviews and assessments for Angular developer candidates, contributing to team growth.

Software Developer | SB Software | *Feb 2020 - Jul 2020*

- Developed customer portal that reduced authentication issues and call centre complaints by 80%.

- Integrated backend services with PAYFAST payment gateway and Firebase databases.
- Engineered web service clients and endpoints for seamless system integrations.

Junior Software Developer | SpectrumITS | *Jan 2018 - Jan 2020*

- Developed and maintained applications using C#, .NET Framework, and ASP.NET.
- Managed SQL Server 2014 databases, optimizing queries and performing CRUD operations.
- Conducted system maintenance, testing, and end-user training sessions.

PERSONAL PROJECTS

Ignacheck - AI-Powered Compliance Audit Platform *Technologies: .NET 8, Angular 17, PostgreSQL, OpenAI API, AWS*

- Leading strategic rebuild of Python MVP into scalable, enterprise-grade SaaS platform using .NET 8 and Angular 17.
- Architecting multi-tenant system with strict Role-Based Access Control (RBAC) ensuring data isolation for financial institution clients.
- Implementing AI orchestration layer for automated gap analysis against regulatory frameworks (ISO 27001, SOC 2).
- Designing secure document ingestion pipeline supporting PDF/DOCX parsing and OCR for semi-structured data.

DominionDesk - Property Management CRM *Technologies: Next.js, React, PostgreSQL, Tailwind CSS*

- Designed and developed comprehensive CRM for property management to streamline tenant tracking and lease administration.
- Leveraged Next.js for server-side rendering and optimized performance, successfully translating enterprise Angular experience to React ecosystem.

Hello Doctor - Healthcare Management System *Technologies: .NET Core, Angular 19, Flutter, Firebase, SQL Server*

- Built comprehensive RESTful API with role-based authentication and custom claims management for healthcare providers.
- Developed cross-platform Flutter mobile application with offline-first architecture and real-time push notifications.

Water Quality Analysis Platform (SANSA) *Technologies: Angular 17+, TypeScript, Esri ArcGIS, RxJS*

- Implemented GIS-based data visualization with Esri ArcGIS Maps integration and GeoJSON layer management.
- Built multi-month data analysis features with advanced state management using RxJS observables.

EDUCATION

BSc Honours Degree in Computer Information Systems

Midlands State University | 2014 - 2017 | Gweru, Zimbabwe

CERTIFICATIONS

- AWS Certified Cloud Practitioner (In Progress)

REFERENCES

Available upon request