

COMFORT NYATSINE

Senior Full Stack / .NET API Engineer

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PROFESSIONAL SUMMARY

Senior Full Stack Software Developer with 7 years of experience designing and delivering enterprise web applications, with strong hands-on experience in .NET Core, ASP.NET Core APIs, C#, SQL Server, PostgreSQL, Angular, AWS, CI/CD pipelines, and Azure DevOps delivery practices. Experienced in .NET Framework to .NET Core migrations, secure RESTful API development, authentication/authorization, cloud deployments, database optimization, and stakeholder-facing delivery. Track record of 95% on-time delivery, 25% database performance improvements, and mentoring development teams.

CORE TECHNICAL SKILLS

Backend & .NET	C#, .NET Core, .NET 8/9, ASP.NET Core, ASP.NET, .NET Framework, Entity Framework / EF Core, RESTful APIs, Swagger/OpenAPI, JWT, OAuth, RBAC, Microservices, SignalR
Frontend	Angular 16+, TypeScript, React, Next.js, NestJS, Node.js, HTML5/CSS3, JavaScript, jQuery, Bootstrap, Tailwind CSS
Databases	SQL Server, PostgreSQL, MySQL, MongoDB, Firebase, query optimization, indexing, CRUD, stored procedures
Cloud & DevOps	AWS (S3, Elastic Beanstalk, CloudFormation, Lambda), Azure, Azure DevOps, Docker, Git, CI/CD pipelines, Jira, SCRUM
Testing & Quality	Unit and integration testing, xUnit/NUnit exposure, code reviews, clean architecture, performance tuning, API testing with Postman
Specialized	AI/LLM integration, OpenAI API, multi-tenancy, Esri ArcGIS Maps, GeoJSON, NgRx/RxJS, payment gateway integration

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, ASP.NET Core APIs, Mouser API integration, JWT authentication, and SignalR real-time updates, streamlining Bill of Materials processing for procurement teams.
- Developed RESTful APIs and integrations with external financial and operational systems, including Swagger/OpenAPI documentation and secure authentication patterns.
- Successfully migrated enterprise web application from .NET Framework to .NET Core, improving scalability, maintainability, and deployment complexity.
- Managed API deployments on AWS using S3, Elastic Beanstalk, CloudFormation, and Lambda functions, with CI/CD pipeline support for reliable releases.
- Worked with SQL Server and PostgreSQL databases, improving database performance by 25% through query optimization and indexing strategies.
- Leveraged Azure DevOps for Agile project management, repository management, pull request reviews, and CI/CD pipeline orchestration, supporting the delivery and deployment of enterprise .NET and Angular applications.
- Built and deployed web application enabling online computing power rental with integrated payment services, increasing sales by 10%.
- Developed full-stack educational platform for Grades 0-7 with offline capabilities, adopted by 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.
- Supported business users and collaborated with technical and non-technical stakeholders in an agile delivery environment.

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, ASP.NET, and SQL Server.
- Managed SQL Server 2014 databases, optimizing queries and performing CRUD operations.
- Conducted system maintenance, testing, and end-user training sessions.

SELECTED 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) and secure document ingestion pipeline.

BVWT - Property Valuation Management System - *Technologies: .NET (C#), Angular, SQL Server*

- Independently scoped, built, and delivered a Property Valuation Management System (PVMS) for a private property valuation firm, replacing their legacy platform end-to-end.
- Designed a year-based valuation architecture (Current/Previous/History) with automated cycle logic for municipal and internal valuations, eliminating manual data reshuffling.
- Built bulk Excel import/export and a full data migration pipeline, migrating the client's entire property database with zero data loss.
- Implemented role-based authentication (Admin/Valuator/Read-Only), audit trails, and objection/appeal tracking workflows.
- Owned the complete delivery lifecycle as an independent freelance engagement - client scoping and proposal, staging deployment, production deployment to client infrastructure with custom subdomain, and post-launch support.

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

- Designed and developed CRM for property management to streamline tenant tracking and lease administration.

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

- Built 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+, React, TypeScript, Esri ArcGIS, RxJS*

- Implemented GIS-based data visualization with Esri ArcGIS Maps integration and GeoJSON layer management.

EDUCATION

BSc Honours Degree in Computer Information Systems | Midlands State University | 2014 - 2017 | Gweru, Zimbabwe

CERTIFICATIONS

- AWS Certified Cloud Practitioner - Completed (2026, Jan)

REFERENCES

Available upon request