

SHICHABO NKUNA

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Portfolio: <https://shichabonkuna22-star.github.io/portfolio/>

SUMMARY

ICT Graduate specializing in software development with hands-on experience in building and deploying full-stack applications. Proficient in C#, Python, ASP.NET MVC, SQL Server and JavaScript with cloud deployment on Microsoft Azure and Oracle Cloud Infrastructure (OCI) and Render.

Possesses basic exposure to CI/CD practices, version control and cloud-based deployment pipelines. Developed 15+ full-stack projects, demonstrating strong understanding of SDLC, OOP, Agile, Scrum and software testing methodologies. A detail-oriented, motivated problem-solver with a passion for building reliable and scalable systems.

EDUCATION & LICENSE

Diploma in Information and Communication Technology (ICT) in Applications Development - Durban University of Technology, Durban, South Africa | 2023 – 2025

Grade 12 / Matric: Springs Secondary School | 2017 – 2021

Driver's license: Code 10

CERTIFICATIONS

Oracle Cloud Infrastructure (OCI):

- OCI 2025 Migration Architect Professional (1Z0-1123-25)
- OCI 2025 Architect Associate (1Z0-1072-25)
- OCI 2025 AI Foundations Associate (1Z0-1122-25)
- Oracle Data Platform 2025 Certified Foundations Associate
- OCI 2025 Foundations Associate (1Z0-1085-25)

Cisco Networking Academy:

- Junior Cybersecurity Analyst Career Path Exam | Oct 2023
- Network Technician Career Path Exam | Dec 2023
- Ethical Hacker, Network Defense, Endpoint Security
- Cyber Threat Management, Networking Essentials
- Devices, Troubleshooting, Support & Security

IBM:

- Information Technology Fundamentals

SKILLS

Cloud & Infrastructure:

- Microsoft Azure, Oracle Cloud Infrastructure (OCI), Render

Programming Languages:

- C# , Python (Flask), Java, SQL, JavaScript, HTML, CSS

Frameworks & Technologies:

- ASP.NET MVC, .NET Framework, Flask, SQLAlchemy, Socket.IO

Web Development:

- Full-Stack Web Development, API Integration, Authentication & Authorization, Responsive Web Design, Stripe Payment Integration.

Databases:

- Microsoft SQL Server, Azure SQL, SQLite

Tools & Platforms:

- Visual Studio, VS Code, Git/GitHub, Gunicorn, Google Authenticator (Integration)

Methodologies:

- Agile, Scrum, DevOps(basic), Software Testing

CI/CD & DevOps EXPOSURE (FOUNDATIONAL)

- Version Control & Collaboration (Git/GitHub)
- Basic CI/CD concepts and implementation
- Iterative development: Push → Test → Fix → Re-push workflow
- Deployment Practices: Manual and automated deployments to render.
- Basic DevOps Practices: Cloud deployment, environment management, and database handling
- Production Configuration: Gunicorn setup, environment variables, and database configuration

PROJECTS

For my portfolio, deployed 5 full-stack applications; including a Banking System, SAPS Docket Management System, E-Commerce Platform and a Burial Management Platform with transactions. All projects are live on Render, connected to real databases, fully functional and available for testing.

Note: Render applications may take 15–40 seconds to load due to inactivity.

Payment Testing: Use test card number 4242 4242 4242 4242

Additional Projects: Developed 15+ full-stack web applications

VIEW PORTFOLIO: <https://shichabonkuna22-star.github.io/portfolio/>