

Ntsobokwane Collins Shibambo

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PROFESSIONAL SUMMARY

Final-year ICT Application Development student at CPUT with hands-on experience in full-stack development, IT service operations, and cloud services (Azure). Highly organised, self-motivated, and detail oriented. Comfortable working with systems, data, and people. I keep records accurate, communication clear, and tasks moving. Eager to contribute to a structured IT service environment and grow within a team.

EDUCATION

Cape Peninsula University of Technology (CPUT) | Cape Town, Western Cape 2024 – Present
Diploma in ICT Application Development | Final Year

- Key Modules: Systems Analysis & Design, Project Management, Software Engineering, Database Design & Management, Application Development Practice, Object-Oriented Programming, Web Development, Networking

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, SQL, HTML5, CSS3, PHP

Frameworks & Tools: Spring Boot, React, Laravel, RESTful APIs, JUnit, Postman, Maven, Git/GitHub

Databases and Cloud: MySQL, Database Design, Microsoft Azure, Oracle Cloud Infrastructure (OCI)

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900) – Microsoft
- Oracle Cloud Infrastructure Foundations Associate – Oracle
- Google Foundations of Cybersecurity (Course Completion) – Coursera

PROJECTS

Job Application Assistant – AI-Integrated Web App | In Progress | Tech Stack: Java, Spring Boot, React, MySQL, RESTful API, Azure App Services, Azure Database for MySQL, Azure Storage, Git

- Building a full-stack application to track and manage job applications - coordinating statuses, documentation, and application workflows from a single dashboard.
- Designed backend REST API with structured error handling and input validation, ensuring data integrity across all records - directly applicable to maintaining accurate IT service records and trackers.
- Deploying to Microsoft Azure, applying cloud infrastructure and service management skills relevant to modern managed IT environments.

Event Management System | Tech Stack: Laravel 12, PHP, MySQL, Blade, JavaScript, Git

- Designed and developed a role-based event management platform supporting administrators, organizers, and attendees with secure authentication and authorization.
- Built event lifecycle functionality including CRUD operations, attendee registration workflows, approval processes, capacity validation, and calendar integration.
- Implemented secure backend practices using Laravel's authentication framework, authorization policies, CSRF protection, and Eloquent ORM to ensure application security and data integrity.

ItemsManager – CRUD Web Application | Tech Stack: Java, Spring Boot, React, MySQL, Git

- Built a full-stack CRUD application managing structured data through a REST API backend and React frontend - reinforcing skills in data entry, UI feedback, and operational workflows.
- Managed source control with Git and tested REST APIs using Postman.

REFERENCES

Mr Buthelezi | Lecturer – Cape Peninsula University of Technology | Phone: +27 83 857 9559