

Tebogo Pii

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Career Objectives

As a passionate and dedicated Information and Communication Technology (ICT) student, I am seeking an IT-related internship opportunity to apply my academic knowledge, strengthen my technical skills, and contribute to innovative solutions. I am currently pursuing a Diploma in ICT: Application Development at the Cape Peninsula University of Technology (CPUT), building on a completed Higher Certificate in ICT. My goal is to gain hands-on experience in application development, databases, cybersecurity, and IT systems to grow as a professional in the technology field.

Education

Cape Peninsula University of Technology (CPUT)

Diploma in ICT: Application Development — 2nd Year Student

Higher Certificate in ICT — Completed

Technical Skills

- Application development (Java, SQL)
- Database management and design
- Version control (GitHub)
- Project management and agile practices
- Analytical thinking and problem solving
- Team collaboration and communication
- Time management and adaptability
- Attention to detail and continuous learning
- Figma design tools
- MySQL Workbench database tools
- Bootstrap Studio web design
- Trello project management
- Communication skills

Practical Experience

Student Enrolment App (Academic Project)

- Developed a client-server desktop application in Java to manage student enrolment processes with my group.
- Designed and built the graphical user interface (GUI) using the Java Swing library.
- Implemented the client-side and server-side logic to handle student data requests.
- Technologies Used: Java, Java Swing, Apache NetBeans / IntelliJ IDE
- GitHub: <https://github.com/Matthew-codez/Student-Staff-Enrollment-System.git>

Student Residences App (Academic Project)

- Designed and built a Java desktop application to manage student residence information.
- Integrated a local Apache Derby database using JDBC to ensure data persistence.
- Wrote SQL queries to create tables, insert data, and retrieve student records from the database.
- **Technologies Used:** Java, Java Swing, JDBC, SQL, Apache Derby
- **GitHub Link:** <https://github.com/Tebogo-P/StudentResidenceApp.git>

Web Portfolio (Academic Project)

- Developed a responsive personal portfolio website to showcase academic projects and technical skills.
- Designed and structured the front-end using **HTML5**, **CSS3**, and **JavaScript** to create an interactive and visually appealing layout.
- Implemented sections for “About Me,” “Projects,” and “Contact,” integrating responsive design principles and media queries for mobile compatibility.
- Applied web design best practices, including color harmony, typography balance, and user-focused navigation.
- Produced project documentation such as the *Web Design Strategy Plan* and *Smart Cart* concept presentation.
Technologies Used: HTML5, CSS3, JavaScript, Visual Studio Code
- GitHub: <https://github.com/Tebogo-P/My-Portfolio-Website.git>

NGO Website (Academic Project)

- Worked collaboratively with my group to design and develop a responsive website for a non-governmental organization (NGO) aimed at promoting community involvement and volunteer participation as an assignment.

- We built a structured and visually engaging layout using HTML5 and CSS3, ensuring a clear presentation of the NGO's mission, projects, and contact information through pages such as "Home," "About," "Projects," and "Volunteer Sign-Up."
- I contributed to the design and front-end development process, focusing on creating consistent themes, readable typography, and smooth navigation across the site.
- Our team applied responsive design principles and tested the website for compatibility on both desktop and mobile devices to ensure accessibility for all users.
- We documented our development process and design decisions in "*The Project 1 2024 Term 3 & 4 Project Brief*", which detailed our strategy, layout plan, and objectives.

Technologies Used: HTML5, CSS3, Visual Studio Code

- **GitHub:** <https://github.com/Tebogo-P/NGO-Website.git>

Certificates

- Big Data in the Age of AI
- Cybersecurity Foundations: Application Security
- Database Foundations: Database Management
- Data-Driven Decision Making for Business Professionals
- E-commerce Fundamentals
- Information Literacy
- Introduction to IT Architecture
- IT Security Foundations: Core Concepts
- Learning GitHub
- Privacy Governance and Compliance: Data Sharing
- Project Management Skills for Leaders
- Understanding and Prioritizing Data Privacy
- **Google IT Support** consisting of - Technical Support Fundamentals, The Bits and Bytes of Computer Networking, Operating Systems and You: Becoming a Power User, System Administration and IT Infrastructure Services, IT Security: Defense against the digital dark arts

Soft Skills

- Problem Solving and Analytical Thinking
- Team Collaboration and Communication
- Time Management and Adaptability
- Attention to Detail and Continuous Learning

Software

- Figma

- VS Code
- Eclipse
- Apache NetBeans
- IntelliJ IDE
- MySQL Workbench
- Bootstrap Studio
- Microsoft 365
- Teams
- Trello