THIMNA GOGWANA

JUNIOR SOFTWARE DEVELOPER | ICT APPLICATIONS DEVELOPMENT

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PROFESSIONAL PROFILE

ICT Applications Development graduate with a Diploma in ICT from Cape Peninsula University of Technology (CPUT), currently completing an Advanced Diploma in ICT: Applications Development. Possesses practical experience in software development, systems analysis, database management, application troubleshooting and technical documentation through academic projects, work-integrated learning and an MICT SETA-accredited ICT internship. Skilled in Java, Python, SQL, Spring Boot, Vue.js, RESTful APIs and Git/GitHub, with experience collaborating in Agile development teams. Eager to contribute technical knowledge, problem-solving abilities and a commitment to continuous learning to the Information Communication and Technology department at the National Energy Regulator of South Africa (NERSA).

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML5

Frameworks & APIs: Spring Boot, Vue.js, RESTful APIs

Databases: MySQL, PostgreSQL, relational database design, ERDs, normalisation, SQL queries

Tools: Git, GitHub, Visual Studio Code, IntelliJ IDEA, Postman

Development practices: Object-oriented programming (OOP), MVC, SDLC, Agile fundamentals, debugging, testing, code reviews

EXPERIENCE

ICT Intern (G-Lab Pathway Academy) | Hajoo Holdings | Cape Town

January 2026 - July 2026

- Assisted with the maintenance, configuration and troubleshooting of ICT systems and cloud-based applications.
- Supported system analysis activities and helped identify and resolve technical issues.
- Prepared technical documentation and user guides to support system functionality.
- Collaborated with senior team members to troubleshoot system inconsistencies and improve operational efficiency.
- Gained practical exposure to ICT operations, system configuration and technical problem-solving.

Software Developer — Work Integrated Learning (WIL) | CAPACITI

July 2025 - December 2025

- Developed a full-stack application using Java Spring Boot for the backend and Vue.js for the frontend.
- Designed and implemented a MySQL relational database, considering data integrity and query performance.
- Collaborated in a five-person Agile team to analyse requirements, review code and deliver functionality within sprint timelines.
- Used Git/GitHub for version control, branch management and integration of team contributions.

Call Centre Agent | TrueNorth Solutions

Team Leader: Mr Grants | 021 753 5411

- Assisted customers professionally and communicated information clearly.

- Listened to enquiries, responded appropriately and referred matters when further assistance was needed.
- Worked within team procedures and maintained a professional approach when handling customer interactions.

SELECTED TECHNICAL PROJECTS

Digital Art Website | Java | Academic project

- Developed a digital-art website concept for selling AI-generated images, focusing on application functionality and user-facing flows.

Loan Management System | Python | Academic project

- Built a loan management application to handle loan-related information and processes, applying programming logic and data handling.

Ambumate | Java | Academic prototype

- Designed a healthcare and emergency-support prototype for communicating a user's condition and requesting assistance.
- Modelled an escalation flow for triggering an ambulance alert to the user's location; the project was an academic concept, not a deployed emergency service.

IoT Smart House | Sensors & automation | Prototype

- Built a smart-house prototype demonstrating sensor-based automation and connected-device behaviour.
- Demonstrated a sound-triggered door-opening interaction in a physical model.

EDUCATION

Advanced Diploma in ICT: Applications Development

Cape Peninsula University of Technology (CPUT)

2026 – In progress | Expected completion: December 2026

Diploma in ICT: Applications Development

Cape Peninsula University of Technology (CPUT) | 2023 – 2025

Relevant coursework: Software Development, Applications Development Practice, Web Development, Information Systems and Project Management.

ADDITIONAL TRAINING

AI & Robotics Programme | Sheen Academy

- Participated in practical, project-based activities involving artificial intelligence and robotics.
- Explored technology-based problem-solving, with interests in automation and connected systems.

REFERENCES

Ms Siskazi Dyantyi | WIL Supervisor, Capaciti 066 091 9383

Hajra Cassim | CEO / Supervisor, Hajoo Holdings

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Mr Grants| Team Leader, TrueNorth Solutions | 021 753 5411