

CONTACT INFORMATION

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PROFESSIONAL SUMMARY

Results-driven **Computer Science and IT professional** with expertise in **software development, cloud computing, data management, and IT infrastructure**. Proficient in **Python, Java, C++, and C#**, with a strong foundation in **data structures, algorithms, and software engineering principles**. Skilled in **cloud computing (Azure), data analytics, web development, and IT automation**. Adept at leveraging **Power BI, Tableau, SQL, and R** for data visualization and reporting. Seeking opportunities to contribute to innovative technology solutions.

CORE SKILLS & COMPETENCIES

Technical Skills

- **Software Development:** Python, Java, C++, C#
- **Data Analytics & Management:** R, SQL, Excel, Database Administration, Data Science
- **Cloud Computing:** Microsoft Azure, Virtualization, Containerization
- **Web Development:** HTML, CSS, JavaScript
- **Data Visualization & Reporting:** Power BI, Tableau, R, Excel
- **Version Control & DevOps:** Git, GitHub
- **IT Automation & Infrastructure:** Home Assistant, SA-SAMS
- **Operating Systems:** Windows, MacOS, Ubuntu
- **IDEs & Development Tools:** Jupyter Notebook, Visual Studio Code, Android Studio, Eclipse

Soft Skills

- Problem-Solving & Analytical Thinking
 - Effective Communication & Collaboration
 - Critical Thinking & Decision Making
 - Time Management & Project Coordination
 - Adaptability & Continuous Learning
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EDUCATION

Bachelor of Science in Computer Science and Information Technology

University of KwaZulu-Natal | Pietermaritzburg | May 2023

- Developed expertise in **data structures, database management, and algorithms**.
 - Completed coursework in **cloud computing, software engineering, and machine learning**.
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PROJECTS & INNOVATIONS

- Designed and developed a **personal portfolio website** showcasing technical skills and projects: [GitHub Portfolio](#)
- Founded **TechGuard IT Solutions**, an IT services website: [TechGuard](#)
- Developed a **loyalty card management app** prototype with cloud-based storage and authentication.
- Implemented **automation solutions** at ICFR using **Home Assistant** for smart device integration.
- GitHub profile with additional projects: [GitHub](#)

PROFESSIONAL EXPERIENCE

Data and IT Development Specialist (Eucalyptus Tree Improvement Project)

Institute for Commercial Forestry Research (ICFR)

August 2024 – Present

- Developed **data-driven solutions** to improve **forestry research workflows** by 20%.
- Implemented **automation scripts** using **R and Excel** for **data analysis and visualization**.
- Integrated **IoT-based monitoring systems** to optimize **research processes and reporting**.

Business & Data Analyst (BMW YES Programme)

Afrika Tikkun Services

March 2024 – July 2024

- Managed **over 900 student records** using **SA-SAMS**, reducing data processing time by 10%.
- Performed **data cleaning and analysis** to optimize **student performance tracking**.

Azure Cloud Architect Apprentice

Deviare

September 2023 – March 2024

- Optimized **Azure cloud resources**, reducing **cloud expenses by 15%**.
- Implemented **CI/CD pipelines** to enhance **cloud deployment efficiency**.
- Managed **large-scale datasets** and generated **performance insights** using Power BI.

CERTIFICATIONS

- Tableau 2024.1: Essential Training – LinkedIn Learning (2025)
- Power BI Essential Training – LinkedIn Learning (2025)
- Introduction to Data Science – LinkedIn Learning (2025)
- Learning REST APIs – LinkedIn Learning (2025)
- Data Visualization with R – Cognitive Class (2024)
- Azure Cloud Architect – Deviare (2023)
- Virtual Global Apprenticeship in Cloud Computing – Belong (2024)
- R for Data Science – Cognitive Class (2023)
- HMS Foundation Course – Huawei Training (2022)

REFERENCES

Available upon request