

ASITHANDILE LUDONGA

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PROFESSIONAL SUMMARY

Computer Science graduate pursuing Data Science certification with strong analytical and software development skills. Experienced in building scalable applications, APIs, and data-driven solutions using Python, Java, and JavaScript. Proven ability to develop full-stack web applications, automate workflows, analyze datasets, and create business intelligence dashboards. Detail-oriented professional with hands-on experience collaborating with cross-functional teams to deliver technical solutions that optimize processes and drive decision-making.

TECHNICAL SKILLS

Data Analysis & Visualization: Power BI, Statistical Analysis, Data Interpretation, Dashboard Creation

Web Development: JavaScript (ES6+), React.js, RESTful APIs, FastAPI, TypeScript

Programming & Tools: Python, SQL (MySQL), Excel (Advanced), Node.js, MS Office Suite

Technical Competencies: Git, Automation, API Integration, Agile Methodologies

Cloud Computing: AWS, Azure

Soft Skills: Problem Solving, Time Management, Written & Verbal Communication, Collaborative Teamwork

PROFESSIONAL EXPERIENCE

Pre-Production Intern

September 2025 — Present

IDEMIA Secure Payments, Sandton, Gauteng

- Analyzed and organized large-scale client datasets for production workflows, ensuring data accuracy and operational efficiency
- Debugged complex machine-operated systems to maintain 100% compliance with bank card personalization standards
- Contributed to API development for internal systems and customer-facing applications, supporting cross-functional teams
- Automated generation of work orders, return files, and report files using Python, reducing manual processing time and improving operational efficiency
- Collaborated with Engineering, Operations, and Quality Assurance teams to deliver products meeting strict quality and timeline requirements
- Prepared and presented data reports to management highlighting trends, risks, and process improvement opportunities

EDUCATION

Occupational Certificate: Data Science Practitioner

2025 — 2026

iFundi, Sandton, Gauteng

Key Focus: Data Analysis, Data Visualization, Machine Learning, Statistical Analysis, Forecasting, Design Thinking, Data-Driven Decision Making

Practical Projects: Data collection and preprocessing, quantitative analysis, data visualization and reporting, dashboard creation, capstone project using analytics toolkits

BSc Computer Science

2020 — 2025

University of the Witwatersrand, Johannesburg, Gauteng

Relevant Coursework: Software Engineering, Machine Learning, Parallel Computing, Computer Networks, Advanced Analysis of Algorithms, Operating Systems and System Programming, Computer Graphics

Academic Honors: Wits Entrance Scholarship, Certificate of First Class in Algorithms and Programming, Certificate of First Class in Mathematics

KEY ATTRIBUTES

Collaborative: Proven track record working with cross-functional teams including Engineering, Operations, and Management | **Detail-Oriented:** Strong attention to detail in code quality, data validation, testing, and analysis | **Hands-On:** Practical experience in software development, automation, data processing, and system debugging | **Problem Solver:** Analytical mindset with ability to design technical solutions, identify trends and patterns, and recommend data-backed improvements | **Communicator:** Strong written and verbal communication skills with experience presenting technical solutions and analytical findings to stakeholders

LANGUAGES

English: Fluent | **IsiXhosa:** Native

REFERENCES

Mr. Kamish Sewlal

Manager, IDEMIA Secure Payments
082 609 3128

Mr. Akhona Dyasi

Mentor
073 830 2584