SYDNEY **MOAGI**

Johannesburg | 0789591500 | smoagi67@gmail.com

GitHub | Portfolio | LinkedIn

Recent BSc Computer Science and Informatics graduate with practical experience in full-stack development, database management, and IT support. Skilled in PHP, Java, MySQL, and web technologies. Seeking an entry-level software development or IT role to apply my technical abilities, collaborate on meaningful projects, and grow within a forward-thinking team.

EXPERIENCE

2018 TO PRESENT
INDEPENDENT IT TECHNICIAN, *FREELANCE*

- Provided PC repairs, software troubleshooting, and Windows OS installations/updates for residential and small business clients.
- Built and upgraded custom gaming and workstation PCs, including hardware selection, assembly, and performance optimization.
- Conducted hardware diagnostics and component replacement for desktops, laptops, and peripherals.
- Assisted clients with basic networking setup, including router configuration, Wi-Fi troubleshooting, and wired network installations.
- Delivered onsite and remote technical support, ensuring timely resolution of IT-related issues and high client satisfaction.
- Educated clients on system maintenance, security best practices, and data backup solutions.

EDUCATION

2025
BSC IN COMPUTER SCIENCE AND INFORMATICS, UNIVERSITY OF JOHANNESBURG
RELEVANT COURSEWORK:

- Data Structures and Algorithms
- Software Engineering
- Object-Oriented Programming (OOP)
- Databases
- Computer Networks
- Computer Architecture

2017
NATIONAL SENIOR CERTIFCATE, PROFESSOR SHILUVANA SECONDARY SCHOOL

PROJECTS

LIBRARY MANAGEMENT SYSTEM – FULL-STACK CLIENT-SERVER APPLICATION

- Developed a comprehensive library management system with both web and mobile interfaces to streamline catalog management, member registrations, borrowing, returns, and fines.
- Web System (PHP/MySQL): Built a responsive web dashboard for librarians with full CRUD operations for books, members, loans, and fines. Implemented role-based access control and secure authentication.
- Mobile App (Java/Android): Created an Android app for library members to search for books, view availability, reserve titles, and track borrowing history.
- Database Design: Designed and normalized a relational MySQL database with tables for books, members, loans, reservations, and fines.

- Key Features:
  – Catalog management with search/filter functionality
  – Automated fine calculation for overdue books
  – Inventory and member activity reporting
  – Git version control throughout development

- Technologies: PHP, MySQL, Java (Android), HTML, CSS, JavaScript, Git

SKILLS

TECHNICAL SKILLS
- Programming Languages: PHP, Java, C#, JavaScript, Python
- Web Development: HTML, CSS, Bootstrap
- Databases: MySQL
- Mobile Development: Java (Android)
- Tools: Git, GitHub, XAMPP
- Microsoft Office: Outlook, Excel, Word, PowerPoint, Access

SOFT AND PROFESSIONAL SKILLS
- Strong interpersonal, verbal, and written communication
- Excellent attention to detail and accuracy
- Time management and ability to meet deadlines
- Highly organized with strong prioritization skills
- Proactive, self-driven, and positive attitude
- Innovative and enthusiastic problem-solving
- Strong administrative and coordination abilities
- Collaborative team player with independent work capability
- Adaptable and resilient in dynamic environments
- High integrity, professionalism, and confidentiality
- Committed to continuous learning and self-development

REFERENCES

AVAILABLE UPON REQUEST.