Abdirahman Mohamed

IT Technical Support & Junior Software Developer

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[LinkedIn](#) | [GitHub](#) |

PROFESSIONAL SUMMARY

Motivated junior professional with a Diploma in Business Information Technology from Strathmore University, completed Software Engineering Bootcamp training from Moringa School, and Artificial Intelligence Launchpad certification. Eager to contribute as an IT Technical Support partner while leveraging software development capabilities to support organizational technology needs and digital solutions. Committed to continuous learning and professional growth in a collaborative team environment.

TECHNICAL SKILLS

IT Support & Infrastructure:

- Basic network configurations and troubleshooting (LAN, WiFi)
- Basic hardware setup and maintenance
- Basic system software installations and updates
- Basic technical support and user assistance
- Basic system administration and documentation

Software Development:

- Programming Languages: Python, JavaScript
- Frontend: React, HTML5, CSS3, Tailwind CSS
- Backend: FastAPI, Flask
- Databases: PostgreSQL, SQLAlchemy
- Tools & Version Control: Git, GitHub, VS Code
- Core Concepts: REST APIs, Authentication (JWT), CRUD Operations, Responsive Design
- AI/ML Fundamentals: TensorFlow, PyTorch, Scikit-learn, Machine Learning & NLP basics

SOFTWARE DEVELOPMENT PROJECTS

Apartment Management System - Client Project

[GitHub Repository](#)

A full-stack web application developed for a property manager to replace manual Excel-based tracking with a digital system for managing rental properties and tenants.

- Worked with a real client to understand requirements and challenges with Excel-based property management
- Designed and built REST API endpoints using FastAPI to manage tenants, units, and rent records
- Implemented JWT-based authentication for system access control
- Developed a React frontend with simple dashboard for rental information management
- Designed PostgreSQL database schema for tenant, property, and payment data

Technologies: React (Vite), Tailwind CSS, FastAPI, PostgreSQL, SQLAlchemy

Outcome: Replaced manual Excel tracking with structured digital system and strengthened real-world full-stack development experience

Digital Library Management System

GitHub Repository

A role-based web application developed to practice backend logic, authentication, and CRUD operations for a digital library system.

- Built CRUD functionality for books and categories
- Implemented role-based access for admins and members
- Created basic borrowing workflow to track borrowed books and returns
- Designed database models to support book inventory and borrowing records

Technologies: React, Tailwind CSS, Flask / FastAPI, SQLAlchemy, PostgreSQL

Outcome: Strengthened skills in CRUD operations, authentication, and relational database modeling

AutoSpare Hub

GitHub Repository

A single-page web application built to simulate an online store for commercial motor spare parts.

- Developed a React single-page application with basic routing and state management
- Built separate views for customers (browsing products) and admins (managing inventory)
- Implemented product listing and category filtering
- Practiced structuring an e-commerce-style frontend workflow

Technologies: React (Vite), JavaScript, CSS

Outcome: Gained experience building SPAs and simulating real-world e-commerce workflows

EDUCATION

Software Engineering Bootcamp

Moringa School | 2024 - 2026 | Nairobi, Kenya

- Intensive full-stack development training covering Python, JavaScript, React, and SQL
- Built three full-stack applications from concept to deployment
- Practiced agile development, version control with Git, and collaborative coding
- Participated in code reviews, pair programming, and technical presentations

Diploma in Business Information Technology

Strathmore University | Completed December 2024

- Hybrid program combining IT and business education
- IT coursework: Computer Networks, Database Management Systems, Web Development, Systems Analysis & Design, Programming Fundamentals
- Business coursework: Accounting, Economics, Business Management, Business Processes
- Gained understanding of how technology solutions support business objectives

CERTIFICATIONS

Artificial Intelligence Launchpad

Moringa School | 2026

- Foundational training in Machine Learning, Deep Learning, and Natural Language Processing (NLP)
- Introduction to AI frameworks: TensorFlow, PyTorch, and Scikit-learn
- AI ethics and responsible AI practices in software development
- Practical exposure to integrating AI capabilities into applications

KEY STRENGTHS

IT Support & Technical Foundation:

- Basic hands-on experience with network troubleshooting and connectivity issues
- Basic understanding of infrastructure management and system maintenance
- Ability to learn and adapt quickly to new systems and technologies
- Strong problem-solving approach to technical challenges

Software Development:

- Solid understanding of full-stack development principles and best practices
- Ability to write clean, maintainable code with proper documentation
- Experience debugging issues and implementing solutions independently

Professional Qualities:

- Quick learner who adapts easily to new technologies and frameworks
- Strong communication skills with experience explaining technical concepts
- Team player comfortable giving and receiving constructive feedback
- Self-motivated with ability to meet deadlines and manage time effectively
- Proactive problem solver who researches solutions before asking for help
- Detail-oriented with focus on quality and user experience
- Open to mentorship and committed to continuous improvement

ADDITIONAL INFORMATION

Languages: English (Fluent), Swahili (Conversational)

Interests: IT infrastructure optimization, open source contribution, backend development, AI integration in web applications

REFERENCES

Available upon request