

ARMSTRONG NEWTON

Software Developer | Data Analyst | Business Solutions Analyst

Remote-ready • Git • Python • JavaScript • SQL • React • Node.js

PROFESSIONAL SUMMARY

Results-driven Software Developer and Data Analyst with hands-on experience building web applications, analyzing data for business decision-making, and supporting enterprise systems. Strong foundation in Python, JavaScript, SQL, and modern web technologies, with practical exposure to React, Node.js, and Django. Proven ability to work independently in remote environments, collaborate across teams, and deliver clean, well-documented solutions. Actively seeking remote opportunities through Turing where problem-solving, scalability, and impact matter.

CORE SKILLS

Programming & Development

Python, JavaScript (ES6+), SQL, HTML5, CSS3, REST APIs

Frameworks & Tools

React, Node.js, Express.js, Django, Bootstrap, Git/GitHub

Data & Analytics

Pandas, NumPy, Data Cleaning, Data Visualization, Reporting, Dashboards

Databases

MySQL, PostgreSQL

Other Skills

Agile/Scrum, Remote Collaboration, Documentation, Problem Solving, API Integration

PROFESSIONAL EXPERIENCE

Associate Solutions Architect (Intern)

KCB Bank Group | Nairobi, Kenya

May 2024 – Oct 2024

- Analyzed business and system requirements and translated them into technical documentation (BRD, URS).

- Supported evaluation and implementation of digital solutions through data analysis and stakeholder engagement.
- Generated performance and operational reports to support strategic decision-making.
- Assisted in automation and optimization of internal processes, improving reporting efficiency.
- Conducted internal user training and provided technical support for reporting tools.

Strategic Analyst Intern

KCB Bank Group | Nairobi, Kenya

Apr 2024 – Oct 2024

- Analyzed large datasets to identify trends, inefficiencies, and performance gaps.
- Built and maintained dashboards tracking KPIs and operational metrics.
- Supported system upgrades and process improvements through data-driven insights.
- Collaborated with cross-functional teams in fast-paced, deadline-driven environments.

Data Entry Clerk / Database Administrator

Coded Alex Solutions

2025 – Present

- Managed structured data entry with high accuracy and consistency.
- Maintained and updated databases, ensuring data integrity and accessibility.
- Assisted in data cleaning and preparation for reporting and analysis tasks.

PROJECTS

Web-Based Job Portal Application

- Developed a role-based job portal allowing recruiters to post jobs and job seekers to apply.
- Implemented authentication, dashboards, and application tracking.
- Built with Django, HTML, CSS, JavaScript; optimized for mobile responsiveness.

Event Management System (Hackathon Project)

- Built a frontend using pure HTML, CSS, and JavaScript.
- Developed backend services using Node.js and MySQL.

- Implemented event creation, registration, and management workflows.

Data Analysis & Machine Learning Projects

- Worked on housing price prediction using Linear Regression, Decision Trees, and Random Forest.
- Performed data cleaning, feature engineering, and model evaluation using Python.

EDUCATION

Bachelor of Science in Mathematics (Statistics & Applied Mathematics Option)

CERTIFICATIONS

- Python Essentials 1 & 2 – Cisco Networking Academy
- Introduction to Cybersecurity – Cisco Networking Academy
- Networking Basics – Cisco Networking Academy
- Data Science & Analytics – HP LIFE
- Agile Project Management – HP LIFE
- Effective Leadership – HP LIFE

ADDITIONAL INFORMATION

- Experience working remotely and collaborating with distributed teams
- Comfortable with technical interviews, coding challenges, and async communication
- Actively learning and adapting to new technologies and frameworks