

Gideon Murage

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SOFTWARE DEVELOPER

Highly motivated Software Developer with hands-on experience in full-stack development, networking, cloud technologies, and educational technology. Skilled in building scalable web applications using modern frameworks such as React, Next.js, Node.js, Django, and the MERN stack. Strong background in networking and cybersecurity, supported by multiple industry certifications including CCNA, HCIA Cloud, DevNet, CyberOps, and Artificial Intelligence.

A dedicated learner with a passion for solving complex technical problems, building impactful digital solutions, and contributing to community-centred technology initiatives. Demonstrates strong teamwork, adaptability, and a commitment to excellence in software engineering and cloud-driven development.

HARD SKILLS

Next js, React Native, ReactJS, Python, .NET, Django, Typescript, JavaScript, SQL, PostgreSQL, Git, Azure Devops, Data

Analysis Skills, NoSQL, HTML5, CSS3, Agile Project Management, Django Rest Framework, Project Documentation, API

Development, Backend Web Development, Front-End Development, Version Control, T-SQL, Time management, Communication skills

SOFT SKILLS

- Adaptability in a dynamic environment
- Teamwork
- Problem solving
- Time management

PROJECTS

FIELD SERVICE MANAGEMENT SYSTEM (DISPATCH RHINO)

- Built a comprehensive field service management platform using the MERN stack and Next.js. This system empowers companies to efficiently manage their technicians, dispatchers, job scheduling, and payment processes. It includes features such as real-time job tracking, workflow automation, and seamless payment integration, offering businesses an all-in-one solution to streamline operations.

RentersHub- rentershup.co.ke

Built a rental property management platform enabling landlords to list properties and tenants to find rentals with ease. Implemented features such as user authentication, property listings, tenant-landlord communication, and payment tracking. Used React for the frontend and Node.js with MongoDB for the backend.

WorkScout UK - workscout-ui.vercel.app

Developed a job-matching platform connecting job seekers with employers in the UK. Built features including user registration, job listings, application tracking, and admin dashboards. Used React and Next.js for the frontend, with Node.js and MongoDB powering the backend

More projects on: <https://gidymanegithub.io/>

Experience

Fullstack Developer- EmpServe(Empower and Serve Kenya) Innovation Hub

Supporting a project by the Raspberry Pi Foundation to promote Code Clubs across underprivileged communities in Kenya.

- Training and supporting educators in various programming languages to enable them to teach coding to children.
- Assisting in the development, maintenance, and improvement of internal systems used at the Innovation Hub.
- Providing technical support for ongoing projects and ensuring smooth operation of organisational digital platforms.
- Contributing to curriculum development, learning materials, and digital literacy initiatives for students and teachers.
- Gaining hands-on experience in community-based technology programmes, cloud technologies, and educational technology solutions.

Software Developer - Kenya Agricultural and Livestock Research Organization (KALRO)

Jan 2025 - Aug 2025

Placed under the Presidential Digital Talent Programme (PDTP) by ICT Authority (ICTA)

- Assisting in the development and maintenance of KALRO's internal web and mobile applications.
- Engaging with farmers to collect agricultural data and disseminate planting window messages.
- Supporting system testing, debugging, and enhancements to improve user experience.
- Learning and contributing to the organization's software development life cycle (SDLC) and system architecture.
- Gaining hands-on experience with technologies like Android development, web services, and database management.

IT Intern

Ministry of Agriculture - Kilimo House

Jan 2024- May 2024

- Provided technical support and assisted in maintaining the ministry's ICT infrastructure.
- Helped in data entry, system updates, and routine software maintenance tasks.
- Supported staff with troubleshooting hardware and software issues.
- Gained exposure to government systems, ICT policies, and documentation practices.
- Collaborated with the ICT team to improve workflow efficiency and system reliability.

Software Developer

Program to Build Resilience for Food and Nutrition Security in the Horn of Africa (BREFONS)

March- Oct 2024 mis.brefons.co.ke

Developed a Management Information System (MIS) for a government initiative aimed at supporting farmers in Kenya. The platform includes modules for registration, monitoring, reporting, and fund disbursement. Built using React for the frontend and Django for the backend, with PostgreSQL for data management. Focused on delivering a secure, user-friendly, and scalable solution to streamline operations and improve service delivery.

Education

Software Engineering - Moringa School

Nov 2023 - Jul 2024

Project-based full-stack development programme.

- Built real-world applications using JavaScript, React, Node.js, and databases.
- Collaborated in agile teams and applied Git, Scrum, and pair programming.

Bachelor of Science in Software Development - KCA University

2019 - 2023

Graduated with Second Class Upper Division.

- Studied software engineering, databases, networking, and web development.
- Developed foundational skills in programming, algorithms, and system design.

Kenya Certificate of Secondary Education - Nyahururu High School

2015 - 2018

Achieved KCSE Grade B.

- Strong performance in science and technology subjects.

Certifications

Software Engineering - Moringa School

HCIA - Artificial Intelligence - Huawei

Aug 2025 - Sept 2025

Advanced training in AI model development using MindSpore and PyTorch.

- Learned machine learning fundamentals, neural networks, and data processing.
- Completed practical labs in AI model training and deployment.

HCIA - Huawei Cloud Technology - Huawei

May 2025 - Jul 2025

Focused on cloud fundamentals and Huawei Cloud ecosystem.

- Studied cloud architecture, storage, networking, and cloud security.
- Gained hands-on experience deploying and managing cloud resources.

Cisco Certified DevNet Associate - Cisco

Mar 2025 - Jun 2025

Training in network automation, programmability, and DevOps.

- Learned Python automation, APIs, and Cisco DevNet tools.
- Built skills in CI/CD and infrastructure-as-code workflows.

Cisco CyberOps Associate - Cisco

Jan 2025 - Apr 2025

Cybersecurity operations training aligned with SOC processes.

- Studied threat analysis, monitoring tools, and incident response.
- Gained foundational skills in digital forensics and security defence strategies.

Cisco Networking Academy (CCNA Training)

Dec 2024 - Apr 2025

Focused on Networking Fundamentals, Routing & Switching, and Network Security.

- Gained hands-on experience configuring routers, switches, and wireless networks.
- Built a strong foundation in IP addressing, subnetting, and network troubleshooting.

My links

Github- <https://github.com/GidyMane>

linkedIn- www.linkedin.com/in/gideon-murage-42829b262

Referees

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