

# MAYEN AKECH

## Full-Stack Developer

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📍 Nairobi, Kenya

## PROFESSIONAL SUMMARY

Passionate Full-Stack Developer specializing in the MERN stack (MongoDB, Express.js, React, Node.js) with a strong foundation in building scalable web applications. Currently pursuing a BSc in Information Technology at Mount Kenya University. Experienced in developing responsive frontends, designing RESTful APIs, and implementing robust backend architectures. Driven by continuous learning and a commitment to writing clean, maintainable code that solves real-world problems.

## EDUCATION

### Bachelor of Science in Information Technology

#### Mount Kenya University

Expected Graduation: 2027 | Nairobi, Kenya

- Specializing in software development, database management, and systems design
- Focus on modern web technologies and software engineering principles

### MERN Stack Development Specialization

#### Power Learn Project Africa

2025 | Remote

- Intensive training in MongoDB, Express.js, React, and Node.js
- Building production-ready full-stack applications
- Modern development practices including Git workflow, testing, and deployment

## TECHNICAL SKILLS

### Frontend Development

React    JavaScript    HTML5  
CSS3    Tailwind CSS  
Bootstrap    Vite  
Framer Motion

### Backend Development

Node.js    Express.js    Python  
Flask    MongoDB  
PostgreSQL    RESTful APIs

### Tools & Platforms

Git    GitHub    VS Code  
Vercel    Netlify    Render  
Firebase

## PROFESSIONAL EXPERIENCE

## Full-Stack Developer

### Freelance / Personal Projects

2023 - Present

- Developed and deployed multiple full-stack web applications using the MERN stack with MongoDB, Express.js, React, and Node.js
- Designed RESTful APIs with JWT authentication, role-based access control, and optimized database queries
- Built responsive, mobile-first user interfaces with React, Tailwind CSS, and modern development practices
- Integrated third-party APIs including GitHub API, Cloudinary for image management, and implemented Chrome extensions

## FEATURED PROJECTS

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### Professional Portfolio Website

[React](#) · [Vite](#) · [Tailwind CSS](#) · [Framer Motion](#) · [GitHub API](#)

Modern, responsive portfolio website with dark mode, dynamic GitHub integration, and optimized performance. Features real-time repository data fetching, animated UI components, and comprehensive SEO optimization. Deployed on Netlify with CI/CD pipeline.

[View on GitHub](#) →

### Reviwa - Smart Waste Management Platform

[MongoDB](#) · [Express.js](#) · [React](#) · [Node.js](#) · [Cloudinary](#) · [Leaflet Maps](#)

Community waste management platform with geolocation-based reporting, interactive maps, eco-points system, and admin dashboard. Features role-based access control and email notifications.

[View on GitHub](#) →

### Read It Later - Article Bookmark Manager

[MongoDB](#) · [Express.js](#) · [React](#) · [Node.js](#) · [Chrome Extension](#) · [Cheerio](#)

Article bookmarking application with automatic metadata extraction. Includes Chrome extension, search/filter capabilities, and MongoDB backend for data persistence.

[View on GitHub](#) →

## CERTIFICATIONS & TRAINING

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### MERN Stack Development

[Power Learn Project Africa](#)

2025 - Present

### freeCodeCamp Certifications

[freeCodeCamp.org](#)

2022

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References available upon request

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