

Newton Kariuki Macharia

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Summary

Full-Stack Developer with expertise in the MERN stack (MongoDB, Express.js, React, Node.js), and a strong command of front-end technologies including HTML, CSS, SCSS, JavaScript, and Next.js. Experienced in building responsive, user-focused applications and dynamic interfaces.

Proficient in version control (Git), team collaboration, and writing clean, scalable code.

Also skilled in data science with experience in data analysis, visualization, and statistical modeling using Python, R, Pandas, Matplotlib, and SQL—bringing valuable insights and analytical depth to projects.

Education

Institution: KCA University

Area: Software Development

Degree: Undergraduate

Start Date: 2021-09

Highlights: Developed multiple projects

Skills

Programming Languages: JavaScript, Python, Java, C#

Web Development: HTML, CSS, SCSS, React, Next.js, Node.js, Express.js, Vue.js

Database & Backend: MongoDB, MySQL, PostgreSQL, Supabase

Data Science & Analytics: Python (Pandas, NumPy, Matplotlib), R, SQL

Cloud & DevOps: AWS, Netlify, Vercel

Version Control & Collaboration: Git, GitHub

UI/UX & Design: Figma, Adobe XD

Tools & Technologies: REST APIs, Postman, VS Code, npm, yarn

Experience

Freelance Developer: Worked with clients on diverse projects to develop personalized software solutions. Delivered full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js), and created responsive user interfaces with React and Next.js

Projects

GitHub Portfolio: Showcasing a range of personal and freelance projects, including full-stack web applications, UI/UX prototypes, and data science notebooks

Extracurricular Activities

- Active member of a local coding club that hosts hackathons and technical workshops, promoting continuous learning and community collaboration.
- Enthusiastic cyclist who enjoys long-distance rides for fitness and mental clarity.