JAMES NJIHIA

Full-Stack Developer | Quality Assurance and Tester | Industrial Mathematics.

Contact Information

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📍 Nairobi, Kenya

Industrial Mathematician | Web Developer| Data Analyst | CPA

PROFILE SUMMARY

I am a passionate and results-driven developer with strong skills in both frontend and backend development. Experienced in building scalable web applications and performing functional and automated software testing. Comfortable working in fast-paced, collaborative environments with a strong ability to debug, optimize, and ensure excellent user experiences.

I am a dependable professional who can work independently with minimal supervision while also excelling in collaborative environments. My goal is to leverage my technical skill set to drive efficiency, innovation, and success in your organization. I am eager to contribute cutting-edge software solutions, optimize web applications, and enhance system performance to help your company stand tall among the rest.

EDUCATION & CERTIFICATIONS

BSc. Industrial Mathematics | JKUAT | 2024

- Experienced in numerical methods and data analysis for interpreting complex datasets and validating mathematical solutions.
- Proficient in MATLAB and C programming for mathematical modeling, simulation, and algorithm development.
- Applied fluid dynamics and optimization techniques to solve real-world industrial and engineering problems.

Software Development | FreeCodeCamp | 2024

- Completed FreeCodeCamp certifications in Frontend Development, JavaScript, and Backend APIs, building full-stack web applications.
- Applied data visualization techniques using D3.js and JavaScript to turn datasets into interactive, insightful visuals.
- Gained hands-on experience with responsive design, RESTful APIs, and version control tools like Git and GitHub.

Software certiification(ongoing)

Currently undertaking a software testing certiificate in automation testing.

CPA | KASNEB | 2019

- Completed CPA Foundation Level under KASNEB, covering core principles of accounting and business.
- Successfully passed Taxation and Management Accounting units in the Intermediate Level.
- Gained practical understanding of financial reporting, tax compliance, and cost management techniques.

TECHNICAL SKILLS

- **Frontend**: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend**: Node.js, Express.js, MongoDB, Firebase
- **Testing**: Manual Testing, Test.io, Bug Reporting, Postman
- **Tools:** Git, GitHub, VS Code, Vercel, Netlify, Figma
- **Soft Skills**: Analytical thinking, clear communicator, time management

PROJECTS

1. **Forever Silk E-commerce Platform**

React.js | Node.js | MongoDB | Tailwind | Vercel

Live Demo: https://forever-silk-omega.vercel.app/

Built a responsive online store with a shopping cart, product filter, checkout flow, and admin dashboard; integrated secure user authentication and order tracking features.

2. Portfolio Website

React | Responsive Web Design
Link: https://jay-me07.github.io/portifolio
A personal portfolio showcasing web projects, a client contact form, and a professional profile. Designed to be mobile-first and visually appealing.

Crypto-place

React.js | API
Link: https://jay-me07.github.io/crypto-place/
A responsive web app built with React.js that displays real-time cryptocurrency data, including prices, market trends, and coin details.

Netflix Clone

React.js | API
Link: https://jay-me07.github.io/Netflix-Clone/
A responsive Netflix homepage clone built with React.js, styled with CSS, and powered by real-time data from the TMDB API. It features dynamic movie rows, a hero banner, and scrollable lists — closely mimicking Netflix's user interface.

Youtube demo

React.js | API
Link: https://jay-me07.github.io/youtube-demo/
A responsive YouTube clone built with React.js, featuring video search, playback, and dynamic content from the YouTube Data API.

WORK EXPERIENCE

Freelance Web Developer
Nairobi, Kenya | 2024–Present
- Designed and deployed small business websites and church platforms
- Integrated contact forms, maps, and basic order systems.
- Trained clients on basic updates and content management.

Software Tester (Remote)
Test.io | 2024 – Present
- Worked on cross-device QA cycles for mobile and web apps.
- Reported usability and functionality bugs with detailed steps and media evidence.

Monitoring and Evaluation

Moi Teaching and Referral Hospital | 2023 | Jan - April
- Assisted in data analysis and reporting for hospital operations using tools like Excel and statistical methods, supporting decision-making in patient care and resource allocation.
- Gained hands-on experience in a professional healthcare environment, collaborating with medical and administrative staff to manage and interpret clinical and operational data.

Reference

Dr. Kiogora
Chairman, BSc Industrial Mathematics
Jomo Kenyatta University of Agriculture and Technology (JKUAT)
Department Chair Pure and Applied Mathematics