

ELYEES WAWERU TATUA

Frontend Software Engineer | Full-Stack Developer
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PROFESSIONAL SUMMARY

Frontend Software Engineer and Full-Stack Developer with 4+ years of experience specializing in modern web technologies, CMS implementation, and AI-powered solutions. Proven track record of delivering scalable applications that drive business growth, with expertise in React, Next.js, and headless CMS platforms. Successfully led projects resulting in 40% network growth and 50% increase in social media traffic. Experience working with international clients, non-profit organizations, and Y Combinator-backed startups. Strong background in data visualization, performance optimization, and cross-functional team collaboration.

TECHNICAL SKILLS

Frontend Development

React, Next.js, JavaScript, TypeScript, HTML5, CSS3, Vue.js, Responsive Design, Mobile-first Development, UI/UX Design, Wireframing, Prototyping

Backend Development

Node.js, Python, Express, Django, RESTful API Design & Development, Database Management: MongoDB, SQL (MySQL, PostgreSQL)

CMS & Content Management

Sanity (Headless CMS), WordPress, Payload CMS, Content Management Systems Implementation

Data Visualization & Analytics

D3.js, Chart.js, Plotly, Excel Dashboards, Interactive Data Visualization, Business Intelligence, KPI Tracking

DevOps & Tools

Linux, Docker, Git, CI/CD Pipelines, Testing & Quality Assurance, Unit Testing, Performance Optimization, SEO

Project Management

Agile Development, Scrum Methodologies, Stakeholder Collaboration, Technical Documentation, Cross-functional Team Leadership

PROFESSIONAL EXPERIENCE

AI Risk Landscape Market Researcher

Aug 2024 - Sep 2024

National Research Group, Remote

- Conducted comprehensive market research on AI risk landscapes for enterprise clients
- Analyzed emerging AI technologies and their potential impact on various industries

VC Industry Deal Sourcing

Aug 2024 - Sep 2024

RevRoad, Remote

- Specialized in venture capital deal sourcing and analysis for early-stage startups
- Evaluated investment opportunities and provided strategic recommendations

Software Developer

Jul 2024 - Sep 2024

Datacurve (YC W24), Remote

- Developed scalable software solutions for Y Combinator-backed AI startup
- Collaborated with cross-functional teams to deliver high-performance applications
- Implemented modern development practices and agile methodologies

VC Industry Research & Pitch Deck Analysis Externship

May 2024 - Sep 2024

Energy Innovation Capital, Remote

- Conducted in-depth due diligence on renewable energy startups including Khepra waste-to-energy technology
- Analyzed market trends, competitive landscapes, and financial projections for investment decisions
- Delivered comprehensive pitch deck analysis and investment recommendations to partners
- Gained practical experience in VC investing, market analysis, and investment evaluation

Market Researcher

Jul 2024 - Aug 2024

Mobalytics, Remote

- Conducted comprehensive market research for gaming analytics platform
- Analyzed user behavior patterns and competitive landscape in gaming industry

Full-stack Developer and Entrepreneur

Jun 2024 - Aug 2024

buildspace, Remote

- Developed QR-driven marketing tool for restaurant efficiency using React and Node.js
- Built prototypes and data visualizations for business intelligence and performance tracking
- Participated in technical review processes and code optimization initiatives

Frontend Engineer

Jan 2024 - Jun 2024

Upwork, Remote

- Maintained and enhanced live web applications for diverse international client base
- Provided ongoing technical support resolving user-reported issues and implementing enhancements
- Collaborated with vendors and international clients to deliver solutions aligned with business objectives
- Implemented performance optimizations ensuring fast loading times and improved user experience

Fullstack Software Developer

Dec 2023 - Apr 2024

JamiiYaJadeite Foundation, Remote, Kenya

- Led complete website redesign for non-profit foundation, resulting in 40% increase in network growth
- Developed and integrated donation gateway system enabling multiple payment methods from East Africa
- Increased social media traffic by 50% within six months through strategic SEO implementation
- Created comprehensive training materials for non-technical staff on website maintenance
- Contributed to foundation's official accreditation status through enhanced digital presence

Technical Consultant

Nov 2023 - Dec 2023

P.K. Mureithi Ltd., Nairobi, Kenya

- Designed and implemented robust database system within one-month timeline for law firm
- Created interactive dashboards and data visualization tools using Excel and modern web technologies
- Provided comprehensive user training ensuring seamless system adoption by non-technical staff
- Delivered detailed technical documentation including system architecture and maintenance guidelines

Frontend Web Developer

Jun 2023 - Sep 2023

Vop, Remote, Kenya

- Developed comprehensive web application achieving 650 unique visitors within first two months
- Implemented advanced SEO techniques resulting in 30% increase in organic traffic
- Deployed Enterprise Settings module providing enhanced website customization capabilities
- Created responsive, mobile-first design ensuring seamless user experience across all devices

Frontend Engineer

Mar 2023 - May 2023

Am Pm, Remote, Kenya

- Designed high-performance website using Next.js framework with server-side rendering optimization
- Developed strategic user engagement systems including social media integration and lead funnels
- Conducted comprehensive testing and documentation ensuring code quality and system reliability

Software Developer

Oct 2022 - Nov 2022

Kievy Investments Ltd., Nairobi, Kenya

- Developed enterprise web applications using HTML, CSS, JavaScript, and modern frameworks
- Designed user-friendly interfaces for large enterprise products enhancing accessibility
- Created comprehensive unit testing suites ensuring high code quality and system stability

KEY PROJECTS

AI Powered Product Manual | Davis & Shirtliff Hackathon Season 4 Winner

Technologies: AI/ML, React, Node.js, Data Analytics | Mar 2025 - May 2025

- Developed AI-based customer support system with advanced analytics and performance monitoring
- Created interactive dashboards for real-time performance metrics and user engagement tracking
- Received Certificate of Participation for completing innovative AI-powered product manual project

State-of-the-art E-commerce Platform | Davis & Shirtliff Integration

Technologies: TypeScript, Next.js, Payload CMS, Microsoft Business Central | 7 stars, 2 forks

- Integrated seamlessly with Microsoft Business Central for real-time inventory management
- Implemented secure payment processing and user-friendly admin interface
- Focused on providing streamlined operations and enhanced customer experience

Real Estate Platform | Full-Featured Property Management System

Technologies: JavaScript, React, Node.js | 9 stars, 2 forks

- Built comprehensive platform with property listings, agent profiles, and search functionality
- Implemented image upload capabilities and real-time property updates
- Created responsive UI/UX for optimal user experience across devices

Ellyssa Gym App | Home Workout Web Application

Technologies: JavaScript, React, CSS3 | 17 stars, 4 forks

- Developed comprehensive workout app targeting specific muscle groups
- Implemented equipment-based search functionality returning relevant exercise results
- Created intuitive user interface for seamless workout planning and tracking

AI Article Summarizer | OpenAI GPT Integration

Technologies: React, OpenAI API, JavaScript | 7 stars, 3 forks

- Built React application incorporating OpenAI GPT engine for content analysis
- Implemented website URL processing to generate concise article summaries
- Designed user-friendly interface for easy content input and summary generation

Modern Music Web Application | Global Charts Platform

Technologies: JavaScript, React, API Integration | 6 stars

- Developed full-featured music player with search, lyrics, and song exploration features
- Integrated worldwide top charts and location-based popular music discovery
- Created modern homepage with intuitive navigation and user engagement features

EDUCATION

Bachelor of Science in Applied Computer Technology

United States International University Africa, Nairobi, Kenya

Expected Graduation: 2025 | Major: Software Engineering

Current Cumulative GPA: 3.63/4.0 | Dean's List: 2022-2023

Relevant Coursework: Software Design and Architecture, Cryptography and Network Security, Applied Machine Learning

Fullstack Software Development Bootcamp - Distinction

Moringa School (Partnership with Flatiron School)

Graduated: August 2022

23-week intensive program covering JavaScript, CSS, HTML, Java, Python, Git, Angular, Django, Spring Boot, Android Programming

AWARDS & RECOGNITION

- Dean's List 2022-2023 | United States International University Africa
- MVP Award | Davis & Shirtliff AI Hackathon (2024)
- Certificate of Participation | Davis & Shirtliff Hackathon Season 4 (2025)
- Distinction | Moringa School Full-Stack Development Program (2022)

LANGUAGES

English: Fluent (Professional Working Proficiency)

Swahili: Native Speaker

CERTIFICATIONS

E-Commerce Developer (FDR)

Davis & Shirtliff | Sep 2024

VC Industry Research & Pitch Deck Analysis Externship

Energy Innovation Capital | Jun 2024

Introduction to DevOps

IBM via Coursera | Sep 2023

Information Technology (IT) Fundamentals for Everyone

IBM via Coursera | Aug 2023

Introduction to Front-End Development

Meta via Coursera | Aug 2023

Introduction to Scrum Master Profession

SkillUp Online via Coursera | Aug 2023

LFC131: Green Software for Practitioners

Linux Foundation | Aug 2023

OPEN SOURCE CONTRIBUTIONS

Active contributor to Firefox and Debian open source projects with focus on collaborative development, code quality enhancement, and comprehensive technical documentation. Participated in rigorous code review processes and provided technical leadership in community-driven development initiatives.