Ian Odhiambo Adera

FullStack Software Engineer | DevOps | Technical Writer | Frontend React Developer | NodeJS | JavaScript | TypeScript | Flutter | Mobile | Remote

Email: ianodad@gmail.com
LinkedIn: linkedin.com/in/ian-odhiambo
GitHub: github.com/Ianodad
Portfolio: ian-adera.vercel.app
Blog: medium.com/@ianodad
Location: Nairobi County, Kenya

PROFESSIONAL SUMMARY

Innovative FullStack Developer with over 5 years of experience designing, developing, and maintaining scalable web applications. Expertise in React, TypeScript, Node.js, and cloud technologies (AWS, GCP, Azure). Proven track record in DevOps, team leadership, and technical writing with 10,000+ Medium reads. Specialized in REST APIs, GraphQL, and mobile development using React Native and Flutter.

CORE SKILLS

Frontend Development: React, TypeScript, Next.js, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS, React Native, Flutter

Backend Development: Node.js, Express.js, AdonisJs, KeystoneJs, REST APIs, GraphQL, Apollo GraphQL

Databases: MongoDB, PostgreSQL, MySQL, SQL, NoSQL

Cloud and DevOps: AWS, Google Cloud Platform (GCP), Microsoft Azure, Azure DevOps, Docker, Jenkins, GitHub Actions, CI/CD, Digital Ocean, Azure Pipelines

Tools and Technologies: Git, Jira, Trello, Figma, Adobe Illustrator, Postman, Homebrew, NPM, YARN, Bower

Mobile Development: React Native, Flutter, Hybrid Apps

Languages: English (Professional), Kiswahili (Limited Working)

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

PROFESSIONAL EXPERIENCE

Senior Frontend Developer | Britam

September 2024 - Present (1 year 1 month) | Nairobi County, Kenya

- Leading frontend development initiatives for insurance technology solutions using Next.js and TypeScript
- Implementing modern React and Next.js architectures for scalable web applications
- Containerized applications using Docker for consistent development and production environments
- Deployed applications using Azure DevOps pipelines for automated CI/CD workflows
- Collaborating with cross-functional teams on digital transformation projects
- Optimized application performance and user experience for insurance platform users

Senior Full Stack Developer | Metaverse Architects

February 2023 - February 2024 (1 year 1 month) | Malta

- Managed Google Cloud Platform (GCP) resources, enhancing system efficiency and performance
- Constructed frontend components using Next.js, TypeScript, and Tailwind CSS
- Engineered high-performance backend APIs with Node.js for robust server-side functionality
- Leveraged Docker for secure, portable application environments
- Utilized Doppler CLI for secure app configuration management
- Led team of junior developers to achieve sprint goals
- Mentored team through code reviews and peer programming
- Built MVC frameworks with iterative feature development

Technical Writer | Dev Genius, Medium.com

June 2020 - January 2024 (3 years 8 months)

- Created technical content translating complex software concepts for diverse audiences
- Published well-researched articles on software technologies and development practices
- Achieved over 10,000 reads on Medium platform
- Engaged with tech community through comments and feedback
- Focused on emerging technologies and development best practices

Mentor | Google Africa Developer Scholarship Program, Andela

June 2021 - December 2023 (2 years 7 months) | Nairobi, Kenya

- Mentored emerging developers in Google Africa Developer Scholarship program
- Provided expert guidance in frontend development and DevOps practices
- Supported scholarship recipients with technical and career guidance
- Fostered collaborative learning environment and community building
- Stayed current with latest software development trends and technologies

Senior Full Stack Developer | YLabs

July 2022 - December 2022 (6 months) | California, United States

- Implemented UI designs in React (Next.js) and React Native for multiple projects
- Developed CI/CD pipelines using Docker, GitHub Actions, and Doppler
- Created GraphQL backend mutations and queries for robust data interaction
- Managed applications using various AWS resources for high system efficiency
- Participated in Agile development with 2-week sprints using Jira

Software Engineering Mentor | The Room

November 2021 - January 2022 (3 months)

- Empowered next generation of software developers in learning-focused environment
- Guided learners through complex software engineering concepts
- Utilized project-based teaching approach for real-world application development
- Developed comprehensive learning modules for various skill levels
- Provided one-on-one mentorship and personalized guidance

Frontend Web Developer | Touch Inspiration

October 2021 - November 2021 (2 months) | Nairobi, Kenya

- Developed quality mockups and prototypes with Figma under tight deadlines
- Enhanced features and refined code for improved user engagement
- Implemented SCSS for consistent cross-browser styling
- Optimized user experience for greater usability and engagement

- Transitioned class-based components to functional components using React Hooks

Frontend Web Developer | u2i

October 2021 - October 2021 (1 month) | Kraków, Poland

- Designed features with React, MeteorJs, and MongoDB
- Utilized React Hooks and Meteor Methods for dynamic, maintainable codebases
- Created intuitive user interfaces using Figma
- Conducted comprehensive End-to-End (E2E) testing
- Used Jira, Miro, and Git for effective team collaboration

Frontend Web Developer | Savannah Informatics

June 2021 - August 2021 (3 months) | Nairobi, Kenya

- Enhanced user interface style and optimized user experience across platforms
- Developed comprehensive tests for components and features
- Collaborated with backend engineers for seamless feature integration
- Refactored modules and states to align with requirements
- Managed projects using Trello and various package managers

Full Stack Web Developer | Freelance

January 2019 - 2021 (2 years) | Kenya

- Led full-stack website development using Node.js frameworks (Express, AdonisJs, KeystoneJs)
- Improved website functionality and responsiveness through targeted enhancements
- Created design prototypes and responsive interfaces with Adobe Illustrator and Figma
- Developed and tested RESTful APIs with Postman and integrated GraphQL APIs
- Automated CI/CD pipelines using Jenkins, reducing manual work by 90%
- Implemented DevOps for application deployment via GitHub Actions
- Reduced hosting costs by 70% by migrating from AWS to Digital Ocean

EDUCATION

Moringa School
Fullstack Web Developer
2018 - 2018

Kenya Methodist University
Bachelor of Business Information Technology (BBIT)
Computer/Information Technology Administration and Management | 2011 - 2014

KEY ACHIEVEMENTS

- Achieved 80% reduction in code deployment time through DevOps optimization
- Generated over 10,000 reads on Medium technical articles
- Reduced hosting costs by 70% through strategic cloud migration
- Automated CI/CD pipelines reducing manual work by 90%
- Successfully mentored developers in prestigious Google Africa Developer Scholarship program
- Led cross-functional teams to achieve sprint goals consistently

PROJECTS AND TECHNICAL CONTRIBUTIONS

- Built scalable web applications using modern JavaScript frameworks
- Developed mobile applications bridging web and mobile platforms

- Created comprehensive testing frameworks for robust functionality
- Implemented secure deployment pipelines and configuration management
- Contributed to open-source projects and technical documentation