

FELIX OKOTH OWUOR

FULL-STACK SOFTWARE DEVELOPER
| QA / QE ENGINEER

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📍 Eldoret, Uasin Gishu - Kenya

🌐 xhechar.github.io/felix

PROFILE

I'm Felix Okoth. A certified Full-Stack Web Developer with over 4 years of experience building secure, scalable, and high-performing applications. I work confidently with Angular, React, Node.js, .NET, and Express to create seamless frontend user experiences and well-structured backend systems. Through hands-on work at Teach2Give, I've gained real-world experience delivering production-ready features, writing clean and testable code, and collaborating within agile teams. I'm passionate about building systems that are not only functional but also robust, maintainable, and optimized for growth and performance.

TECHNICAL EXPERTICE

DATABASES: • SQL Server, MySQL, PostgreSQL, Mongo DB, Entity Framework Core, Prisma ORM.

DEPLOYMENT, DEVOPS & MICROSERVICES • Docker, Docker Compose, Azure, Heroku, Vercel, Render, Netlify.

• RabbitMQ. NGINX. Consul.

TESTING • Jest, Cypress, Jasmine, xUnit, Moq, k6

BACKEND DEVELOPMENT • Node.js, ASP.NET, Express, RESTful API, GraphQL, Http Client, Swagger.

• Socket.IO, SignalR - Web Sockets

FRONTEND DEVELOPMENT • Angular, React, HTML, CSS, JavaScript, TypeScript. Tailwind.

VERSION CONTROL • Git, GitHub, GitLab

WEB DESIGN • Figma. Photoshop, Canva.

LANGUAGES

- English
- Kiswahili
- Luo

EDUCATION

2008 - 2016

ELFEMA ACADEMY

- Primary School Education
- Marks: 364

2017 - 2020

WARENG HIGH SCHOOL

- Secondary School Education
- Grade: B (PLAIN)

2021 - 2025

CHUKA UNIVERSITY

- BACHELOR OF SCIENCE (COMPUTER SCIENCE)

WORK EXPERIENCE

MAY - SEPTEMBER ATTACHMENT 2024

TEACH2GIVE

Full-Stack Developer | Quality Assurance/Quality Engineer

- Developed and maintained scalable applications using Angular and Node.js, ensuring robust data handling with PostgreSQL for efficient data management.
- Designed and implemented RESTful APIs with Node.js and .NET, enhancing system functionality for internal tools.
- Led automated testing with Jest, Cypress, and Jasmine, reducing manual testing time by 30% and improving system reliability.
- Collaborated with DevOps teams to deploy applications using Docker, streamlining deployment processes.
- Utilized Azure for cloud hosting, optimizing infrastructure for scalability and availability, aligning with high-stakes environments like airports.
- Spearheaded end-to-end testing for web applications, ensuring functionality and performance met high standards for critical systems.
- Implemented test automation frameworks with Jest and Cypress, improving testing efficiency by 25% and coverage.
- Collaborated with developers to troubleshoot, debug, and optimize IT systems, ensuring seamless operations.

PROJECTS

CODE SOLUTIONS	- Developed a developer support platform using React, Node.js, and MongoDB, with Azure deployment for high availability. Implemented RESTful APIs to manage user data effectively, supporting operational efficiency. - Link: https://code-solutions.onrender.com/
NDAGANI SMART FURNITURES	- Created an interactive furniture ordering platform using Angular, Node.js, and PostgreSQL, focusing on user experience and robust data management. - Link: https://ndagani-sf.onrender.com/
ASSISTANT DOCTOR	- Built a healthcare management system using React, Node.js, and MySQL, emphasizing data security and efficient patient data handling. - Link: https://assistant-doctor.onrender.com/
MEN'S SHOPPE	- Developed an online men's shopping system using Angular, ASP.NET, and SQL SERVER, emphasizing data security, efficient browsing and making orders. - Link: https://github.com/Xhechar/Mens_Shoppe.git

CERTIFICATIONS

- Certified Full-Stack Web Developer | QA/QE Engineer, Teach2Give, Nyeri County.

REFERENCES

- 1

JOSEPH KAMATEI

PRINCIPAL

 - Wareng High School
 - Mobile: 0725523477
- 2

MR KEMEI

CLASS TEACHER

 - Wareng High School
 - Mobile: 0726575817
- 3

DR JOHN OGEMBO

DIRECTOR, BOARD OF UNDERGRADUATE STUDIES AND FIELD ATTACHMENT

 - Chuka University
 - Mobile: 0771094000

HOBBIES & INTERESTS

- Implementing solutions that optimize performance
- Developing secure and scalable software.
- Solving coding challenges
- Contributing to personal and open-source projects.