

Ocen Jude Otine

Software Engineer

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Profiles

 [judeotine](#)

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Summary

Software Engineer with a solid background in full-stack development, experienced in building scalable web applications using modern technologies. Strong focus on performance, clean architecture and usability. Skilled in cloud infrastructure (GCP, AWS), workflow automation (n8n) and DevOps practices. Passionate about open-source, real-time systems and continuous learning.

Experience

School Book	December 2024 - May 2025
Senior Software engineer	Kampala, Uganda
https://schoolbooks.app	
<ul style="list-style-type: none">Full-Stack Development: Designed and implemented scalable features for an educational platform using modern technologies like React, Node.js, and PostgreSQL, enhancing user experience for students and educators.Problem Solving: Optimized application performance by reducing API response times by 30% through efficient database querying and frontend lazy-loading techniques.Collaboration: Worked closely with product managers and designers to translate business requirements into technical solutions, ensuring alignment with user needs.Innovation: Integrated third-party tools (e.g., payment gateways, analytics) to extend platform functionality and improve engagement metrics.Quality Assurance: Established automated testing pipelines (Jest/Cypress) to reduce bugs in production by 25%, improving software reliability.Leadership: Mentored junior developers in code reviews and Agile practices, fostering a culture of continuous learning.	

Strimy Technologies	June 2025 - Present
Full Stack developer	Kampala, Uganda
https://www.strimy.io	
<ul style="list-style-type: none">Helped work on the architecture and development of Strimy, Uganda's premier streaming platform, from concept to production, supporting thousands of concurrent users with seamless video deliveryWorked cross-functional team of top Ugandan developers in implementing a robust, scalable microservices architecture using modern cloud-native technologiesDesigned and developed core platform features including user authentication, content management, real-time chat and personalized recommendation systemsOptimized video streaming performance across varying network conditions, reducing buffering time by 40% through adaptive bitrate streaming implementationIntegrated secure payment gateways and subscription management for monetization, supporting multiple local payment methodsImplemented comprehensive analytics dashboard providing content creators with real-time viewership metrics and engagement statisticsEstablished CI/CD pipelines and DevOps best practices, improving deployment frequency by 60% and reducing production incidents by 45%Conducted code reviews, maintaining 95%+ test coverage and ensuring code quality across the codebas	

Education

Science And Technology University International Business	September 2024 - Present
Software Engineering	Study Program
Our Lady of Africa SS Namilyango	2021-01-01 - 2023-12-31
Physics, Mathematics, Technical Drawing / ICT	UACE
Bishop Cipriano Kihangire SS	2017-02-01 - 2020-05-31
Maths, Physics, Biology, Chemistry, History, Geography, English, Art, Computer	UCE

Skills

Languages & Frameworks

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JavaScript, Typescript, PHP, Kotlin, C, Java, NextJS

Frontend

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React, Next.js, Html, Tailwind CSS, JQuery, ReactNative

Backend & Databases

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Node.js, Firebase, Convex, PostgreSQL, Supabase

Tools & Platforms

● ● ● ● ●

Git, Vercel, Capacitor, Clerk, Convex

DevOps & Infrastructure

NGINX (reverse proxy, load balancing), GCP (Cloud Architect), AWS (Data Engineering), CI/CD Pipelines

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NGINX

Automation & Integrations

n8n (workflow automation), Webhooks, API integrations

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n8n, Api, Webhooks

Interests

Hackathons

Participating in hackathons and code sprints

Knowledge Sharing

Technical blogging and knowledge sharing

Community

Attending and speaking at developer meetups/conferences, Community building in tech, Teaching coding in underrepresented communities

Professional Development

Studying SaaS growth models and product strategies, Contributing to Open-Source Projects

Certifications

NGINX MasterClass: NGINIX Server & Custom Loadbalancer	February 2025
Techlink selenium	
Gained hands-on experience configuring NGINX as a high-performance web server, reverse proxy and custom load balancer. Covered advanced topics including SSL/TLS setup, caching strategies, URL rewriting and securing web traffic. Applied knowledge to optimize server response times and handle high-traffic applications effectively.	
Google Cloud Certified: Professional Cloud Architect	July 2025
Deepak Dubey	
Google Cloud Platform (GCP)	
Credential demonstrating advanced proficiency in designing and managing scalable, secure and reliable cloud architectures on GCP.	
AWS Certified Data Engineer	July 2025
Techlink selenium	
Amazon Web Services (AWS)	
Validated skills in designing, building, and maintaining data analytics solutions using AWS tools and services.	
n8n Certified Automation Expert n8n.io	June 2025
Albner Francisco Casallo Trauco	
Recognized expertise in designing, building and deploying advanced no-code/low-code automations using n8n workflows.	

Languages

English

Professional Working Proficiency

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Professional Working Proficiency

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