


ANGUZU DANIEL

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 [Portfolio Website](#)

 [LinkedIn Profile](#)

 [GitHub Portfolio](#)

PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience building scalable web and mobile applications across fintech, energy, and AI-powered digital platforms. Skilled in backend engineering, API development, and modern frontend technologies with hands-on experience in Node.js, TypeScript, JavaScript, Kotlin, PHP, and Rust for high-performance backend processing and AI-powered workflows.

Experienced in delivering end to end solutions, from backend systems and APIs to responsive frontend interfaces and mobile applications. Strong understanding of clean architecture, Test-Driven Development (TDD), CI/CD pipelines, and performance optimization. Passionate about building reliable, maintainable software and leveraging AI tools to improve development workflows and user experiences.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, Kotlin, PHP, Python, Rust, SQL, Java

Frontend

React, HTML5, CSS3, Jetpack Compose, XML

Backend

Node.js, Express.js, Laravel, FastAPI, Flask, Spring Boot

Databases

MySQL, MongoDB, Firebase, Cloud Firestore, MariaDB

Cloud & DevOps

Docker, GitHub Actions, CI/CD, AWS, GCP, GitHub, GitLab

Additional Skills

REST APIs, System Design, Unit Testing, Dependency Injection, Kotlin Coroutines, KMM, Agile Development, Figma

PROFESSIONAL EXPERIENCE

Full Stack Engineer

Nooa Energies — Remote / Kampala, Uganda | Jan 2026 – May 2026

- Developed and maintained digital platforms including **NooaPay** mobile application financial systems and **FlexiGas** web and mobile energy service solutions.
- Built scalable backend systems, APIs, and integrations using Node.js, TypeScript, JavaScript, Rust, and PHP to support payments, operational workflows, and automation.
- Contributed to frontend and mobile features focused on improving customer experience and service accessibility.
- Improved system performance, reliability, and backend processing for critical business operations.
- Collaborated with cross-functional teams to translate operational and business requirements into efficient technical solutions.
- Supported internal tools and platform enhancements to streamline energy service delivery and financial operations.

Android Developer

Turing — Remote | Jun 2024 – Jul 2025

- Developed and maintained production-ready Android applications using Kotlin and Jetpack Compose.
- Integrated RESTful APIs and optimized communication between mobile and backend services.
- Applied clean architecture principles to improve scalability and maintainability.
- Implemented TDD practices and CI/CD pipelines to improve deployment reliability and development efficiency.

Full Stack Engineer

Holvada — Kampala, Uganda | Jan 2021 – Jul 2025

- Designed and developed scalable web applications using Laravel, Node.js, and MySQL.
- Built and maintained REST APIs and third-party service integrations.
- Developed responsive frontend interfaces for web platforms.
- Improved application performance, security, and system reliability.
- Supported debugging, monitoring, and continuous product improvements.

Code Facilitator

CodeImpact — Kampala, Uganda | Jan 2023 – Apr 2023

- Trained students in web development technologies including HTML, CSS, JavaScript, and PHP.
- Mentored learners in building full-stack applications using industry best practices.
- Promoted clean code principles, debugging techniques, and problem-solving skills.

EDUCATION

Bachelor of Information Technology

International University of East Africa (IUEA)

Jan 2021 – Nov 2023

CERTIFICATIONS

- Advanced Programming in Kotlin — Jul 2024
- Backend Development with Node.js & Express — Jul 2024
- TDD Android Development — May 2024
- GitHub Actions: The Complete Guide — Oct 2024
- AI for Developers (Copilot, Cursor, ChatGPT) — Oct 2024
- Introduction to CI/CD — Oct 2024
- Web Development Training Certificate — Aug 2022

PROJECTS

Clipar (AI Clip Processing Platform) | 2025

- Built backend processing services in Rust for high-performance AI video clipping workflows.
- Developed scalable APIs and media processing pipelines for automated clip generation.
- Integrated AI-powered content analysis and optimization features.
- Focused on concurrency, performance optimization, and scalable backend architecture.

Targeted Learning LMS (Moodle + AI) | Jun 2023 – Sep 2024

- Built an AI-powered learning platform that personalizes educational content using VARK learning models.
- Integrated Moodle with intelligent recommendation systems to improve learning experiences.

Carpool App | Apr 2024 – Sep 2024

- Developed an Android ride-sharing application with real-time updates and Google Maps integration.
- Implemented backend connectivity and live location tracking features.

Rinfo (Business Recommender App) | Aug 2022

- Built a mobile application that recommends businesses based on user engagement and reviews.
- Published beta release on Google Play Store.

x-clone-api (Twitter/X API Clone) | Mar 2024 – Apr 2023

- Developed a RESTful backend using Node.js and Express.
- Implemented authentication, authorization, and CRUD functionality.

Sevva (Expense Tracker)

- Built a personal finance tracking application using Kotlin and Firebase.
- Implemented real-time synchronization and expense management features.

ADDITIONAL STRENGTHS

- Strong communication and collaboration skills
- Experience working in agile and remote teams
- Problem-solving and analytical thinking
- Business and operations awareness
- Passion for AI-driven solutions and automation