Julius F. Justine

SENIOR SOFTWARE ENGINEER | BACKEND, FULL-STACK AND MOBILE

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Professional Summary

Software engineer and systems integrator with experience in backend services, full-stack applications, Flutter cross-platform mobile apps, multi-tenant SaaS, ERP/POS and industrial systems. Combines API and real-time integration with Docker deployment, production support and technical project leadership. Interested in international software engineering and AI code evaluation opportunities.

Technical Skills

Languages: Go, Python, PHP, JavaScript, Java, Kotlin, Dart, Swift

Backend and web: Laravel, Node.js, NestJS, REST APIs, WebSockets, Socket.IO, Vue.js, React, Next.js

Data and infrastructure: PostgreSQL, MySQL, Redis, MongoDB, Docker, Docker Compose, Linux, cloud/VPS deployment

Mobile: Flutter and Dart (cross-platform); Swift and Xcode (iOS); Kotlin and Android release workflows

Additional: systems integration, ERP/POS, IoT, software architecture

Professional Experience

Telenical Systems Limited

Senior Software Engineer & Integrator
Jan 2026 - Present

- Lead platform architecture, full-stack delivery and production systems integration for enterprise clients.
- Build Go, NestJS and Node.js backend services, Next.js and React interfaces, and Socket.IO real-time integrations with PostgreSQL, Redis and MongoDB.
- Containerize workloads with Docker and manage deployment, troubleshooting, hardening and production support.

JutroByte Tech Solutions

Full-Stack Engineer & Platform Builder
2022 - Present

- Develop mobile applications, web platforms and multi-tenant SaaS systems using Next.js, React, NestJS, Node.js, Laravel and Docker.
- Build REST APIs, Socket.IO features and payment integrations; manage Android release preparation, Play Store publishing and VPS deployment.

Selected Project Portfolio

Enterprise Fuel Management System; TelPOS ERP and POS Platform; SmartH2O IoT Water Management Platform; AfyaMaster Healthcare Platform; Virtual Fiscal Device Integration.

Professional Experience Continued

Multiplex Systems Limited

Project Manager & Technical Director / Systems Integrator
Mar 2024 - Jan 2026

- Directed fuel management, IoT, GPS and automation deployments for mining and industrial clients.
- Installed, configured, upgraded and commissioned the fuel management system at Geita Gold Mining.
- Served as Senior Project Supervisor for Buckreef's new fuel management installation, coordinating technical teams, integration checks, testing, commissioning, user readiness and handover.

Tan Veterina Limited

Software Developer / SaaS ERP Engineer
Aug 2023 - Nov 2025

- Designed and developed multi-branch SaaS ERP software covering manufacturing, purchasing, inventory, stock transfers and sales.
- Implemented role-based access, low-stock visibility, operational reporting and multi-location data synchronization; handled deployment, training and production support.

Telenical Systems Limited

Entrepreneur
Jul 2023 - Apr 2025

Top Expert Limited

Software Developer / Hosting & Support Engineer
Apr 2023 - Nov 2024

- Supported business-system development and hosting, server administration, deployment hardening, onboarding, updates and user training.

Pergamon Group Limited

IT Support Engineer - Banking Solutions, Fiscal Systems & Maintenance
Dec 2020 - Feb 2023

- Installed and maintained banking and cash-handling equipment; diagnosed hardware and software faults and provided on-site and remote support.
- Installed and supported TRA fiscal systems, including ETR, ESD, EFP, VFD and EFPP devices, software updates and operational troubleshooting.

Education

Bachelor's Degree in Computer Science | Software Engineering specialization
Institute of Finance Management (IFM), Dar es Salaam | Completed 2021