

OLUWAFERANMI JOSEPH IYIOLA

+230 5745 3438, +91 7428 648 930 | iyiolastrings@gmail.com | iyi.gossipears.com | [LinkedIn](#)

Vacoas, Mauritius

PROFESSIONAL SUMMARY

Software Engineer with a strong foundation in backend development, system architecture, and production engineering, with hands-on experience building multi-tenant ERP platforms, third-party integrations, and microservices using C#, .NET, PHP, and Python. Experienced in system architecture and migrations, taking features from design through production, and mentoring developers.

TECHNICAL SKILLS

- **Languages:** Python, C#, .NET, PHP, JavaScript, C++, C, MATLAB
- **Frameworks & Tools:** React, FastAPI, Docker, Laravel, Laminas, SQL (MySQL, PostgreSQL), WordPress, Git, Socket.IO, REST and webhook integrations
- **AI & Automation:** Python automation, ETL, scripting, and AI automation.
- **Expertise:** System and API architecture, cross-team framework design, production incident response, OOP, scalable system design, unit testing, team mentoring, remote collaboration (Slack, Jira, Teams)

EDUCATION

B.Tech Electronics & Communications Engineering (Major),

2019 - 2023

B.Tech Computer Engineering (Minor)

Delhi Technological University, New Delhi, India Grade: First Division

EXPERIENCE

Software Developer

VGR Solutions Ltd, Mauritius

Sep 2023 - Present

- Architected and shipped a WhatsApp Business API integration end to end across the product suite, covering OAuth onboarding, real-time messaging, template management, multi-tenant credential storage, and webhook handling, touching 150+ files across 6+ repositories.
- Designed a cross-product Integration Management framework for third-party config and credentials, adopted identically across 5+ applications on the platform.
- Led Print Preview V2, an architectural rewrite consolidating 40+ legacy document templates into one rendering engine, plus the production tenant-migration tooling to move live tenants off the old system.
- Sole-authored a standalone Python and FastAPI microservice (elastik-reports) handling SSO token exchange with the core PHP platform and per-tenant report provisioning, paired with a QuickBooks Online OAuth2 and ETL data warehouse.
- Fixed a major production data-integrity incident, a non-atomic dual-database commit silently losing client credentials, and shipped both the live-code fix and a transactional repair script for affected tenants.
- Owned Item Serial Number Management, the platform's largest feature by scope, across stock movement, purchasing, and lifespan-tracking workflows.
- Build internal tooling and automation in Python (ETL jobs, data-repair scripts, report provisioning), and mentor junior developers through code review.

Software Engineer II

Hi-Tech Power India, New Delhi

Mar 2022 - Jun 2022

- Built real-time .NET applications and maintained APIs for data exchange across systems.
- Managed SQL databases on data-driven applications alongside cross-functional teams.

INDEPENDENT & CONTRACT WORK

Full Stack Developer

PEDA Entertainment Ltd., Texas, USA (Remote)

2020 - Present

- Long-running remote engagement building and maintaining a US company's web application and e-commerce platform: frontend and backend delivery, payment integration.
- Optimized database queries by roughly 35% and helped grow online sales by around 30%.
- Coordinated with cross-functional design, frontend, and backend teams on delivery.

- Lead Software Developer** **Tailor on the Go, Lagos, Nigeria (Remote)** **May 2024 – Jan 2025**
- Led backend development and system architecture design for a tailor-management multi-tenant SaaS platform
 - Designed features including custom measurement fields, a payment module, and secure client data storage; owned automated invoicing and payment-processing logic.
 - Built scalable APIs, improving system interoperability and reducing latency by 15%.
 - Integrated Google Calendar API scheduling, automated invoicing, custom measurement fields, and secure client-data handling.
- The Gossipears** **Founder, Digital Agency** **2017 - Present**
- Client delivery in web development, SEO, WordPress, and brand and graphic design, for clients including Rawbloom Skincare, Comics DI, Surgir Consulting Services and Deblicious Foods etc.

PROJECTS & RESEARCH

- **EIRT: E-Waste Intelligent Robotic Technology ([Published, IEEE 2023](#))**
 - Built an EfficientNet-D2 computer-vision pipeline that classifies electronic waste and drives a 6 DOF robotic sorting arm, reaching 82.3% classification accuracy.
 - Handled dataset collection, model training in PyTorch, and the control link between inference output and arm actuation.
- **QuickRoute (URL Shortener)**
 - A simple, secure .NET and React platform for shortening URLs, using SQL and Docker for persistence and scalability.
- Xidoko, a personal finance manager (PHP, React Native).
- DTU-ISS student portal (React, PHP, SQL) for accommodation and peer-to-peer transfers.

LEADERSHIP

Delhi Technological University International Students' Society (DTU-ISS)

- **Co-Founder (2021), First Vice President (2021–22), Second President (2022–23)**
 - Co-founded DTU-ISS with four other international students and co-wrote its founding Constitution and Memorandum.
 - Rose from First Vice President to Second President, leading a 16-member Executive Council that represented 700+ international scholars from 35+ countries.
 - Set up DTU's first Training & Placement coordination for international students and a standing communication channel with ICCR.

CERTIFICATIONS

- Digital Electronics and Robotics (*Vs Energy Technology, New Greater Noida, UP, India*)
- Web Applications for Everybody Specialization (*Coursera*)
- JavaScript, jQuery and JSON (*Coursera*)
- Crash Course on Python.