

Jeffrey Godwyll

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Summary

Engineering leader with extensive experience in cloud architecture and scalable applications. Progressed from founding engineer to VP of Engineering, building and leading high-performing development teams. Proven track record of architecting cloud-native solutions handling 100,000+ users, with deep expertise in Google Cloud Platform. Passionate about technical mentorship and fostering developer communities, having contributed to training 6M+ people across Sub-Saharan Africa.

Professional Experience

Ignite Tournaments, VP of Engineering

July 2022 - Present

Previously: Technical Lead & Senior Software Engineer

July 2021 - May 2022

- ▶ Scaled engineering team from first engineer to leading 11+ developers, supporting company growth through \$10M fundraise
- ▶ Built and grew platform to 100,000+ users through robust cloud-native architecture leveraging extensive Google Cloud services (App Engine, Cloud SQL, Cloud Build, Cloud Tasks, Redis/Memcache, IAP)
- ▶ Implemented robust CI/CD practices and 12-factor methodology, establishing scalable development workflows and infrastructure
- ▶ Lead technical architecture decisions and cross-functional collaboration with product, design, and C-suite stakeholders

Effect Studios, Senior Developer (Consultant)

March 2019 - June 2021

- ▶ Built and scaled WholesomeCraft, transforming Excel-based nutrition management into automated platform processing over \$1M USD in first-year transactions
- ▶ Developed Total Maintenance, an anomaly reporting platform for Total Energies, implementing robust REST API and monitoring systems
- ▶ Architected Spikizi's cloud infrastructure handling thousands of users, integrating audio transcription and optimization for accent/dialect coaching
- ▶ Led backend team delivering 15+ client projects, establishing CI/CD pipelines and repeatable infrastructure patterns
- ▶ Strengthened security posture by implementing GCP-based infrastructure and security controls, achieving zero security incidents during tenure
- ▶ Mentored junior developers and created comprehensive API and infrastructure documentation for knowledge transfer

Wineloya Digital, Chief Technology Officer

June 2017 - October 2020

- ▶ Led cross-functional team of 8 (2 developers, 2 designers, 4 marketing specialists) plus managed network of dozens of field trainers
- ▶ Recognized by Google as Digital Skills Partner, contributing to training 6M+ people across Sub-Saharan Africa through Google Digital Skills for Africa Program
- ▶ Established digital presence for 10+ businesses through custom web solutions using Python (Flask/Django) and GCP services
- ▶ Developed internal billboard inventory management system integrating Google Maps API for Wilmar
- ▶ Built and maintained client solutions leveraging Google Cloud Platform while managing technical strategy and implementation

Sendhut, Mobile Engineer (Part-time)

May 2018 - December 2019

- ▶ Developed cross-platform delivery management app using React Native, handling real-time tracking and payments
- ▶ Contributed to REST API development for on-demand logistics platform processing 2000+ delivery orders

Adaptive Computer Solutions, Senior Applications Engineer, Consultant

March 2017 - May 2017

- ▶ Developed MTN Ghana self-service Android application enabling users to manage data, call credits, and mobile services
- ▶ Built airline ticketing POS system for Starbow Airlines, reverse engineering native printing services to create custom SDK
- ▶ Led team of 4 developers and later conducted Git workshops for expanded team of 20+ developers
- ▶ Mentored junior developers on version control best practices and mobile development

Vodafone, Software Engineer

June 2016 - February 2017

- ▶ Architected and implemented nationwide captive portal system for Vodafone Ghana's internet service infrastructure
- ▶ Designed secure APIs integrating with ISP legacy systems via SOAP and HTTP protocols
- ▶ Developed microservices platform enabling controlled public access to Vodafone's core internet services across Ghana

Remote Sensing & GIS Lab, University Of Ghana, Software Engineer

September 2015 - June 2016

- ▶ Built and deployed SADA Geoportal using Geonode/Django, serving thousands of researchers, alumni, and students across University of Ghana
- ▶ Managed on-premises Windows server infrastructure hosting geospatial applications and research data
- ▶ Developed web applications enabling field researchers to upload and visualize geospatial data points for academic research
- ▶ Implemented APIs handling multiple geospatial formats (Shapefiles, KML, GeoJSON, Google Earth Engine) while maintaining data integrity

Freelance, Web & Mobile Software Consultant

Sept 2012 - January 2016

- ▶ Solo developer selected as global finalist from Ghana in 2013 Google Cloud Developer Challenge (as a student) for tHelp - a volunteering platform integrating Google Calendar, Drive, Chat, and Maps
- ▶ Developed end-to-end document digitization system for security firm integrating Google Cloud Vision API, Cloud Storage, and Container Builder for sensitive forensic materials
- ▶ Built RTTAP, a proof-of-concept Android application for real-time translation using image processing, implementing Tesseract OCR and Google Translate API
- ▶ Created Flagen, an open-source static site generator built with Flask, published on GitHub and adopted by external users
- ▶ Architected solutions using comprehensive Google Cloud stack (Cloud SQL, Compute Engine, Cloud Storage, Cloud Vision API)

Education

Ghana Communication Technology University, Bachelor of Science in Computer Engineering

2015

Community leadership & impact

Google Developer Group (GDG) Ghana, Co-Organizer & Outreach Lead

2014 - 2020

- ▶ Led 20+ developer events and trained 200+ developers on Google Cloud Platform
- ▶ Trained GDGs across Ghana on Google Cloud services and led team teaching 150+ kids to code
- ▶ Built thriving tech communities through workshops, hackathons, and training sessions

Google, Lead Student Ambassador, GCTU

2013 - 2014

- ▶ Facilitated workshops, hackathons, and training sessions
- ▶ Built thriving tech community on campus
- ▶ Introduced students and faculty to Google Cloud Technology and Android

Certifications & Honors

Google Cloud Certified (CP100A) • Global Finalist, Google Cloud Developer Challenge (2013) • NASA Space Apps Challenge - Google Cloud Mentor (2018) • Mozilla Bug Hunter • Google Chrome Top Contributor (2014-2018) • Speaker: DevCongress Ghana, NSBE Ghana Conference

Technical Skills

- ▶ **Cloud & Infrastructure:** Google Cloud Platform (App Engine, Cloud SQL, Cloud Build, Cloud Tasks, Cloud Storage, Cloud Vision API, Compute Engine); Docker; CI/CD; Linux
- ▶ **Languages & Frameworks:** Python; JavaScript; Java (Android); Django; Flask; React Native; NestJS; Angular
- ▶ **Databases & Tools:** PostgreSQL; Google Cloud Datastore; Firebase RTDB; Redis
- ▶ **Other Skills:** API Design; Microservices; Cloud Architecture; Geospatial Data