Jeffrey Godwyll

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SUMMARY

Experienced cloud specialist. I am interested in the space where engineering, operations, and entrepreneurship collide.

WORK EXPERIENCE

Wineloya Digital Advertising

Chief Technology Officer, June 2017 - Present

- Leading a team of engineers in Accra who build and support client projects ranging from web, iOS, and Android applications.
- Actively engaged in building the culture in our engineering team. This includes peer code review processes on Github to improve the code quality and increase collaboration within the team. To improve communication across teams, I encourage and promote the use of internal presentations.

Google Developer Group(GDG) Ghana

Co Orgnanizer, February 2018 - Present

- Manage and facilitate several events and liaise with several stakeholders to implement plans.
- Present talks on the usage of Google Cloud products for hobbyist and production workloads.

Outreach Lead, August 2014 — February 2018

- Oversaw the day to day organization of community mobilization in Ghana.
- Trained GDGs across the country on Google App Engine, Cloud Endpoints and Cloud Storage
- Formulated teams which to teach over 150 kids to code for the first time.

Developer Advocate, 2012 — 2014

- Trained over 200 developers on Google Cloud Technology especially Google App Engine.

Adaptive Computer Solutions Ghana Limited

Senior Applications Engineer, Consultant, March 2017 - May 2017

- Architected and implemented systems for clients including MTN Ghana and Starbow Airlines.
- Mentored junior developers and conducted workshops to train seasoned and beginner developers to version projects more easily.

Vodafone

Software Engineer (Contractor), June 2016 — February 2017

- Developed a new microservices platform to extend Vodafone internet services to more areas in Ghana. Work involved API design and implementation. Integrated with legacy systems and protocols including SOAP, HTTP

Freelance

Web & Mobile Software Consultant, Sept 2012 — January 2016

- Used and implemented a range of technologies, including:
  - designing and building an end to end solution using a native android application and Google's Cloud Platform(Google App Engine, Google Cloud Storage, Google Compute Engine) to digitize highly sensitive documents.

- Worked with a range of web technologies including Python, Flask, Webapp2, Google App Engine, Google Cloud Storage, JavaScript, HTML5 and Docker.

Remote Sensing & GIS Lab, University of Ghana

Software Engineer, September 2015 — June 2016

- Worked with a variety of geospatial datasets using Shapefiles, KML, GeoJSON, Fusion tables, Google Earth Engine, Esri software.
- Built web applications and APIs to interact with and to visualize geospatial data.
- Deployed and managed 2 high-traffic Geonode applications.

Ghana Technology University College

Android Facilitator, Summer 2015

- Guided 42 Students through a 7-week intensive course on developing android apps, successfully building 5 apps in the process, with 3 teams going on to win awards for their apps on campus.
- Held weekly office hours.

Lead Google Student Ambassador, May 2013 — August 2014

- Facilitated workshops, campaigns and fun events, including training sessions and hackathons while building a thriving tech community on campus. Introduced students and faculty to Google Cloud Technology, Android as well as numerous other Google products and services.

EDUCATION

Ghana Technology University College,

Bachelor Of Science in Computer Engineering, July 2015

Accra Academy

WASSCE, General Science, 2011

PERSONAL PROJECTS

Flagen, *Static Site Builder*, May 2015

- Built with Flask. A super simple site/blog generator.

Sada Geoportal, September 2015

- This platform is a one-stop shop for sharing and dissemination of spatial data from the Savannah Accelerated Development Authority Zone (SADA Zone) in Ghana. Built with Geonode, a Python/Django based platform.

QOD, *Quote of the Day Application*, 2014

- Native android app(retired) and web app powered by a Google Cloud Endpoints API demonstrating scalable APIs for multiple platforms.

jeffgodwyll.com, *Personal Site & Blog*, 2013 — Present

- Built with Flask on top of Google App Engine with an average of 100 active monthly users.

Real Time Translation Application with Image Processing, *Final Year Project*, February 2014 - August 2015

- Researched, designed and implemented a real time android translation application using image processing techniques. Technologies used include Tesseract and the Google Translate API.

ACTIVITIES & HONORS

Invited speaker and Google Cloud Mentor, *NASA Space Apps Challenge*, October 2018.

Invited speaker, *NSBE Ghana 7th Annual Conference*, August 2016.

Google Cloud Certified, *CP100A*, 2015

Bug-hunter, *Mozilla*, 2014.

- ► Patched bugs related to Treeherder, the backend and reporting dashboard for Mozilla check-ins including the results of automatic builds and their respective tests.

Udacity Android Student fully sponsored by Google(up to $1000 worth). Completed course exceeding expectations. 2013.

Google Chrome Top Contributor on the *Google Product Forums and Help on Social, #gHelp*. 2014 — Present.

Speaker at *DevCongress Ghana*, 2013.

Finalist in the 2013 *Google Cloud Developer Challenge*. Built **tHelp**, an online volunteering platform.

Mentor, *Ahaspora*. Mentor high school seniors and university freshmen on succeeding in higher education.

Project Committee Member, *United Nations Students Association, GTUC*, 2013 — 2015.

Member/Organizer, *National Society of Black Engineers, GTUC Chapter*. Co-organized Black History Month, 2015. Part of team to open the first high school NSBE Chapter in Ghana at Accra Girls.

Volunteer and **Organizer** at *tHelp*, fixing tech problems of general public for free on National Volunteers Day.

SKILLS & INTERESTS

Technical Expertise: Python, Flask, Google App Engine, JavaScript.

Other Technology: Angular, Java(Android), Markdown, CSS, HTML, Node.js, C++, REST, SOAP, XML, React Native, Google Cloud Storage, Heroku, Google Compute Engine, Git, Google Cloud Builder Google Cloud Datastore(NoSQL), PostgreSQL, OracleDb, Linux(Ubuntu, Debian, Oracle Linux, RHEL, Centos), Apache HTTP Server, Nginx, Packer, Vagrant, VirtualBox, Docker, Continuous Integration, Continuous Deployment, Vim, Android Studio, Shapefiles, KML, GeoJSON, Fusion tables, Google Earth Engine, ArcGIS, CircuitMaker, GIMP.

Some Interests in no particular order include guitar music composition, gaming, football(soccer), open source, arduino & raspberry pi boards, disassembly and reassembly of electronics, web design and machine learning.