

# Isaac Kamga

## Community Resume

Cameroon, Francophone Africa

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## Reason For Applying

**Motivation** Our emerging Developer Ecosystem needs more mentors - persons who are on a path to mastery, are willing to share knowledge and build strong communities around technology. As an applicant for the Google Developer Expert (GDE) position, I'll like to leverage my experiences in **Free & Open Source Software (FOSS)** development, community building, startup mentorship and multilingual skills to usher in a new era of **Cloud Native App development** in Sub-saharan Africa.

## Software Engineering

**Github profile** <https://github.com/Izakey>

**Area Of Focus** Cloud Native App Development

**Programming Languages** C, C++ & Java

2016 – Present **Chief Operations Officer**, Skylabase Fintech Startup, Buea, Cameroon.  
Employing Cloud Native Java to build Enterprise Solutions For Microfinances

2010 – 2015 **MSc. Computer Science**, Magna Cum Laude, University of Buea, Cameroon.  
*Dissertation: Implementation Of A Heart-shaped Primitive In BRL-CAD*

Apr 2013 – Sep 2013 **Google Summer of Code Student**, **BRL-CAD**, U.S. Army Research Lab, First Google Summer of Code participant from Francophone Africa.  
*Implementation of a Heart primitive, About 2000 Lines, C/C++, Imagemagick*

Feb 2013 – Apr 2013 **Legal Informatics Research Project**.  
Developed mini-compilers to infer the compliance of business processes to government regulations. *Over 500 Lines, C/C++, Flex, Bison*

## Content Creation

**Documentation** L<sup>A</sup>T<sub>E</sub>X, DocBook, Spring RESTDocs

14 – 18 Oct 2013 **Google Doc Camp Participant**, Mountain View, California.  
Co-author Of *HACKING BRL-CAD A Contributors Guide*

17 April 2017 **Contributor To Opensource.com**.  
*How to draw primitive shapes with BRL-CAD*

## Speaking Engagements

**SpeakerDeck Profile** <https://speakerdeck.com/ikamga>

8 - 11 May 2017 **O'reilly Open Source Convention**, Austin, Texas.  
*Speaker, From Africa With Love*

June 20 2015 **Silicon Mountain Conference 2015**.  
*Delivered Keynote Speech On Building A Community That Codes*

March 14 – 15 2015 **GDG Country Mentors Summit 2015**, Nairobi, Kenya.  
*Boosting Android Study Jams Using Installfests*

January 2011 **Web Mining Research Seminar**, University Of Buea, Cameroon.  
*A literature Review of Web Mining*

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## Community Engagements

- Aug 2013 – Present **Organizer, Google Developer Group Buea (GDG Buea)**  
2015 & 2016 **PL / Meet-up Program.**  
*Organised 30 Mentors to instruct 130 University students programming in C, C++, Java, Python, C, PHP & JavaScript in over 10 startups and universities in GDG Buea and GDG Limbe communities*
- Feb 2015 & Oct 2016 **Buea Android Study Jams.**  
*Organised over 7 sessions where Udacity-Accredited facilitator taught 10 students how to develop Android apps*
- October 10 – 11 2014 **Hack 'n Droid Weekend.**  
*Organised a 48-hour Android hackathon to develop a voting app for Audience Choice Awards*
- August 18 – 20 2014 **Google CS4HS 2014 Workshop.**  
*Presented some of Google's opportunities for Educators to over 30 Computer Science teachers from Cameroon*
- November 3 2013 **Google Cloud Developers Challenge 2013.**  
*Organised the launching of GCDC 2013 in Buea*
- October 2014 – July 2016 **Country Mentor, GDG Cameroon**  
June 18 2016 **Silicon Mountain Conference 2016.**  
*Co-Organizer, Logistics & Planning*
- November 16-21 2015 **Devfest Fako 2015, Buea, Cameroon.**  
*Co-ordinated the development of 3 apps during a week-long Hackathon.*
- November 2015 **GDG Devfest Season in Cameroon.**  
*Grouped 9 GDGs into 3 Devfest clusters.*
- October 10 2015 **Cameroon Programming Contest 2015.**  
*Organised and coached 3 teams of coders.*
- August – Sept 2015 **MTN Innovation Challenge 2015, Cameroon.**  
*Mentored product teams at ActioSpaces Buea to develop 4 (out of 10) winning startup apps in 7 events.*
- March 2015 **Cameroon Open Source Summits.**  
*Inspired over 400 students at 4 Cameroonian Universities viz Bambili, Bandjoun, Buea & Yaounde to contribute to open source.*

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## Forum Participation

- 2015 & 2016 **Google Summer of Code Mentor, BRL-CAD, U.S. Army Research Lab.**  
• G to POV-Ray Geometry Converter  
• X3D Importer
- December 2014 **Google Code-In Mentor, BRL-CAD, U.S. Army Research Lab.**  
*Mentored over 10 students to complete 383 tasks*
- April 2015 & 2016 **Google Summer of Code 2015.**  
*Quadrupled number of accepted students in Cameroon to 12. In 2016, Moved Number To 16*
- March 2014 **Google Summer of Code 2014.**  
*Mentored First female GSoC Participants From Africa*

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## Languages

**Multilingual** French ( Excellent ), English ( Excellent ), Pidgin English ( Excellent )