

HORACE ABENGA

PERSONAL INFORMATION

email horaceabenga@gmail.com
website <https://www.abenga.com>

PROFILE

I am a software engineer with more than ten years of experience. I bring a diverse skill set and diligent attention to detail to designing, development, testing, and deployment of data driven applications. I am a quick learner and excellent problem solver, adept at quickly understanding complex systems and fixing any issues or identifying areas for improvement. I can communicate clearly and effectively and work well with others.

WORK EXPERIENCE

Gro Intelligence 2016–Present Software Engineer

I am part of a team that is building a product that aggregates a large amount of agricultural data simplifies research and analysis on it. I help to build and maintain automated Python applications that fetch data from diverse sources and the platform used to normalize and store this data. I am involved in the management and continuous improvement of the database schema, making insertion, update, and retrieval of this data faster and more efficient. I also participate in design, development, and review in other areas of the stack (API, processing of geospatial data, and the front-end). I also handle DevOps duties on a rotational basis, rolling out new product and platform upgrades and responding to any anomalous issues that come up. I also help interview and mentor new software engineers until they are able to contribute productively.

*Actuarial Services
E.A. Limited* 2008–2016 Actuarial Analyst & Software Developer

I was part of a team that has built an actuarial modelling software system in use internally by ACTSERV's actuarial consultants. I wrote scripts for simplifying and automating administration tasks and analysis of large data sets. I administered the company's desktop and server computers, including the administration of PostgreSQL and MySQL databases underlying the company's applications, and provided general IT support. I also performed actuarial consulting work for various clients. I also helped in the training of new employees and members of clients' actuarial teams.
Reference: Anthony Kadima

*Strathmore
University* 2003–2004 Student Assistant

I handled inquiries at the School of Accountancy help desk, oversaw University duplication and distribution of course material and examinations, helped record student performance records, and coordinated the compilation and distribution of examination results.

Reference: Dr. John Olukuru (Head of Data Science and Analytics @iLabAfrica; Director at Risk Management centre, Strathmore University)

EDUCATION

2004-2008 The University of Nairobi
Bachelor of Science (Actuarial Science) · *First Class Honours*

PROGRAMMING LANGUAGES

Advanced Python · JavaScript · Go · C
Intermediate R · Java · Rust · C++

OTHER SKILLS

Databases PostgreSQL · MySQL
SCM Git
DevOps Linux Server Administration · Ansible · AWS
Web Frameworks Flask · Django

Languages ENGLISH · Fluent
 SWAHILI · Fluent

January 8, 2021