

BULAMA SAMAILA YUSUF

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UK Global Talent Visa holder. No sponsorship needed.

Profile

I have more than 5 years experience as a solution architect. **I am a tech professional that actually understands business.** I've helped businesses transform by critically examining their needs and designing viable technical solutions that meet those needs. I have the **communication skills to work with non-technical stakeholders** and I am **comfortable leading cross-functional technical teams**. I design and implement cloud solutions on Google Cloud Platform (GCP) and AWS.

<https://www.linkedin.com/in/bulama-yusuf> | <https://bulama.io/solution-architect/>

SKILLS

- **Ability to look at a business' needs and recommend a cost effect path to a concrete solution.**
- Working well with ambiguity and iteratively refining along the way.
- Leading through conflict with emotional intelligence for motivation & morale.
- **Conducting stakeholder workshops** to elicit information and/or get feedback on designs.
- Business decision making in terms of cost and benefits geared towards reducing costs or boosting revenue.
- **Business presentations to communicate** ideas, **technical and non-technical** concepts to top level executives.
- Product & Project management while catering to both business and technical teams in an Agile framework.
- **Software architecture design and its evolution over a project's timeline.**
- Data modelling and the use of domain driven design to breakdown complexity.
- Hands-on experience with AWS and GCP (which can easily be transferred to Azure).
- Very strong software engineering background.
- Track record in mentoring young developers in tech.
- **Repeated delivery of practical API designs & hands-on expertise in API implementation and documentation.**
- Led numerous software engineering teams since 2015 carrying out code reviews and effortlessly writing code when necessary.
- Skilled in the use of JIRA for task management and backlog handling.

ACHIEVEMENTS

- Architected the backend for very high throughput using a microservices and messaging which cut owner to staff communication from an average of 12 seconds to 1 second.
- Modernised monolith codebases into microservices which improved performance by 45%.
- Led the development of Zakatify with more than £51,000 in charitable donations by **influencing business decisions and coordinating communication** between Zakatify's leadership & it's key technical partners (PayPal & PayPal Giving Fund).
- **Worked with Seth Godin to review the needs & prepared a cloud infrastructure strategy.**
- Gave [4 talks at the O'Reilly SACON](#) between 2016 and 2018 which took place across New York and London. 600 avg. attendees, 66% with more than 5 years experience in tech.
- **Guided a 6-member, cross-functional team** on software engineering across all modules incl. code reviews.

PROJECTS

October 2022 – January 2023

BAM - Business Alert Manager (Intellectual Apps Ltd.) - Solution Architect

Client: Tocrespo Ltd., UK

Duration: 4 months

Description: App for SMEs to notify staff of customer payments gotten on a central device via SMS.

- Architected the backend for very high throughput using a microservices and messaging which cut owner to staff communication from an average of 12 seconds to 1 second.
- Carried out a range of roles including backend development with SpringBoot & Docker, Android app dev., Flutter app dev., modelled the database and implemented with MySQL.

Technology: MySQL, SpringBoot, RabbitMQ, Docker, Java, Android, Flutter, RESTful APIs.

February 2020 – September 2022

TB STARR (Intellectual Apps Ltd.) - Solution Architect

Client: Abt Associates, USA - <https://tbstarr.org>

Duration: 31 months (2 renewals)

Description: A platform for Tuberculosis screening, testing, analysis, and reporting across Nigeria.

- Made communication fluid across technical & non-technical teams by conducting 3 stakeholder workshops in order to document needs and map them to technology.
- Modernised the architecture into microservices which improved performance by 45%.
- Guided a 6-member, cross-functional team on software engineering across all modules incl. code reviews.

Technology: AWS, MongoDB, NodeJS, Docker, JavaEE, Redis, Android, iOS, Bootstrap, Linux Scripting, RESTful APIs, Git.

December 2018 – February 2021

Zakatify (Intellectual Apps Ltd.) - Solution Architect

Client: Zakatify LLC., Virginia, USA - <https://zakatify.com>

Duration: 26 months (1 renewal)

Description: An innovative charitable-donations app with users in 39 countries.

- Led the development of Zakatify with more than £51,000 in charitable donations by influencing business decisions and coordinating communication between Zakatify's leadership & it's key technical partners (PayPal & PayPal Giving Fund).
- Made final decisions on cloud technologies used to implement the platform on GCP.
- Evolved an optimal system architecture on GCP which trimmed operational costs by 20%.

Technology: Google Cloud Platform, Compute Engine, AppEngine (Java), Cloud SQL (MySQL), Docker, JavaEE, Android, iOS, Linux Scripting, RESTful APIs, Git.

VOLUNTEER PROJECTS

October 2021 – July 2022

The Carbon Almanac – *Solution Architect*

Client: The Carbon Almanac Network

Duration: 9 months

Description: An almanac (including a kids version) about facts about our climate and the threats ahead.

- Worked with *Seth Godin* to review the needs & prepared a cloud infrastructure strategy.
- Led a team of 4 people to build the core web infrastructure.
- Liaised with a community of 300 people across 90 countries to document requirements.

April 2016 – October 2018

O'Reilly Software Architecture Conference – *Solution Architect*

Description: Gave [4 talks at the O'Reilly SACON](#) between 2016 and 2018 which took place across New York and London. 600 avg. attendees with 66% having more than 5 years experience in tech.

- **New York: (1)** How We Built An Election Reporting App 2016. **(2)** Leading Software Development Teams 2017.
- **London: (3)** Using The Backend-For-Frontend Architecture in Mobile App Development 2017. **(4)** How To Get The Best Out of Your Team As A Software Architect 2018.

WORK HISTORY

1. Intellectual Apps UK Ltd., Reading, UK – *Solution Architect* September 2022 – present
2. Intellectual Apps Ltd., Abuja, Nigeria – *Solution Architect* May 2017 – present
3. Flexisaf Edusoft Ltd., Abuja, Nigeria – *Snr. Software Engineer* April 2016 – August 2017
4. Quanteq Technology Services Ltd., Abuja – *Software Engineer* March 2010 – March 2016

CERTIFICATIONS AND QUALIFICATIONS

1. **Google Cloud Certified Cloud Architect – In View**
2. Google Cloud Infrastructure: Fundamentals/Core/Automation/Containers
3. Sun Certified Java Programmer (SCJP)
4. Sun Certified Web Component Developer (SWCD)
5. Oracle Certified Associate (OCA)
6. Enterprise Solution Architect – JEE (NIIT)
7. B.Sc. Accountancy
8. Diploma in Computer Science

EDUCATION

- University of Southern California USC (workshop), Los Angeles, California.
- University of Maiduguri, Nigeria.

PUBLICATIONS

- Cloud-Based Security Driven Human Resource Management System, March 2017, Advances in Digital Technologies/IOS Press. [Details here.](#)