

Stephen Afam-Osemene

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Skills

- **Go:** 9 years of experience across multiple companies and in my personal projects
 - **REST API** servers
 - **gRPC** servers
 - **GraphQL** servers
 - **Event-driven services:** Google Cloud Pub/Sub, NATS.io, Redis Pub/Sub
- **Deployment:** Experienced deploying **containerised** applications on **Kubernetes** clusters. I've worked with various CI/CD platforms including GitHub Actions, Google Cloud Build, GitLab CI and Circle CI. I also have experience working with Terraform for infrastructure management
- **JavaScript**, including **Node** and **Typescript**:
 - I have used **React** and **AlpineJS** to build fully functional frontend applications
 - I have some experience building mobile apps with **React Native**
- **Databases:**
 - **SQL Databases:** I have extensive experience with SQL Databases such as **Postgres**, **MySQL**, **SQLite**.
 - **NoSQL Databases:** I also have experience working with other data stores such as **Redis**, **ElasticSearch** and **ScyllaDB**
- **Cloud:** I have worked with various managed cloud services, mostly GCP.
 - **Google Cloud Platform (GCP):** Google Kubernetes Engine (GKE), Cloud Pub/Sub, Cloud Build, Artifact Registry, Compute Engine, Cloud Run and others.
 - **Amazon Web Services (AWS):** Amazon SES

Personal Products

- [Swish](#): A hosted blogging platform with over 400 active blogs.
- [Iteretta](#): A newsletter mailing platform

Open Source ([My GitHub Profile](#))

- Maintainer of [SQLBoiler](#) since January 2022. Over 6,900 stars on GitHub.
- [Bob, an SQL query builder and ORM/Factory generator for Go](#). First published on 21st April 2022 and now has over 1,500 stars.
- [Orchestra, a library to manage long-running go processes](#). First published on 14th May 2020 and now has over 150 stars.
- [Goldmark PDF, A PDF renderer for the goldmark markdown parser](#). First published on 20th April 2021 and now has over 120 stars.

Professional Career

February 2024 - present

GamePLAI LTD - Senior Software Engineer

GameplAI provides AI based Sports Analytics and Forecasting

- Responsible for integrating data from **Opta** and **Genius**
- Created the end-to-end integrations for Soccer and American Football from scratch

September 2023 - February 2024

Opsly Cloud LTD - Consulting

Backend development consulting with a startup that provides a GUI to manage cloud infrastructure as diagrams.

February 2022 - September 2023

JustWatch GmbH - Senior Software Engineer

- Responsible for integrating Sports into the JustWatch product.
 - Created a data model that works for relevant sports and fits into the existing system.
 - Built services to ingest data from various external sources.
 - Built data pipelines to clean the ingested data and match relevant events and entities to remove duplicates.
 - Efficiently store all related data and serve to other services.
- Building backend services with Go, PostgreSQL, ScyllaDB, Elasticsearch and Kubernetes, served through multiple protocols – gRPC, REST, and GraphQL.

August 2021 - February 2022

Getsafe Digital GmbH - Senior Backend Developer

Getsafe is an insurance company that digitises and automates as much of the insurance process as possible, primarily serving customers through mobile apps.

- I was responsible for a critical product line and the related partner integrations.
- I worked on improving and maintaining internal backend services built with Ruby on Rails.

June 2021 - December 2021

Instacom Studios - CTO of Snapcart (company has been liquidated)

Snapcart was a mobile app to simplify Instagram commerce. I led a team of 4 developers to build

- Mobile apps for Android and iOS.
- The central backend service to provide data to the mobile apps through a GraphQL API and communicate with Facebook and Instagram servers for messaging
- The product's landing page and website
- The infrastructure to build, deploy and host all the services.

December 2019 - July 2021

Engel & Völkers Technology GmbH - Software Engineer

- Set the foundations for the use of Go in the company and helped other developers get familiar with the language.
- Led the team that conceptualized, built and launched multiple products without deadline extensions.
 - An analytics service handling over 1000 requests per minute.
 - A lead generation product that quickly became the top source of leads.
- Maintained and refactored a large microservices-architected project.

April 2019 - July 2019

Pickmister - Lead Engineer for Elmister (company has been liquidated)

Pickmister was a fantasy football platform where players could win real money.

Elmister was a content marketing service that automated publishing articles and football news to acquire an audience for the Pickmister product.

- Developed the Elmister product from scratch.
- The website was built on WordPress with a custom theme built with HTML/CSS and PHP.
- Go was used to integrate with the Pickmister platform which was built with Go and Elixir.

October 2017 - March 2019

Africa's Talking Ltd, Lagos - Developer Relations Lead for Nigeria

- Organize and sponsor events in order to grow and understand the developer community.
- Helped grow the active Nigerian developers on Africa's Talking by over 400% in 2018.
- Create tutorials and demos to help companies understand our product and its uses.
- Assist developers in integrating our APIs into their products.

March 2018 - June 2018

Africa's Talking Ltd, Lagos - PaaS Product Developer

The company decided to build a prototype for a Platform-as-a-Service and used Go to better integrate with cloud-native tools.

- Built the first version of a Platform-as-a-Service product
- Created an accrual failure detector for monitoring services

October 2016 - September 2017

Hotels Booking Limited (hotels.ng), Lagos - Backend Developer

- Led development for several products including hotels.ng/places.
- Established compatibility with third-party software products.
- Created an automated reporting system.

August 2016 - October 2016

Hotels Booking Limited (hotels.ng), Lagos - Intern

- Was the team lead of over 70 interns.
- Worked on a locations API.

October 2015 - October 2016

Rosary College Nise, Anambra - Intern

- Developed a Portal for students to check their results and pay their school fees.

Education

2019

Boston University, BUx - Micromasters, Digital Leadership ([Certificate](#))

2019

Boston University, BUx - Micromasters, Digital Product Management ([Certificate](#))

2009 - 2014

University of Benin, Nigeria - B.Eng Mechanical Engineering