Youssef Benkdane

Young passionate person, endowed with a great curiosity for the world of the Web, I'm in constantly looking to acquire the knowledge necessary to the good practices of development. Versatile, I master the different technical steps of the creation of a website or an application, from the understanding of the users' needs, to the frontend and backend development and the maintenance.

Get in touch!

Mobile:
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[REDACTED]

Specializations

- GoLang
- Python
- JavaScript
- Rust
- C
- Docker
- Kubernetes
- AWS
- Google Cloud
- Git
- SQL
- PostgreSQL

Languages Spoken

French - Mother tongue
English - Bilingual level
Arabic - Basics
Spanish - Basics
Chinese - Basics

Work Experience

Freelance Back-End Software Engineer - Go
TF1 | July 2022 - Actual

- Contribute to the improvement of the WizAds ad proxy, whose goal is to ensure the delivery of quality advertising content on the video replays of the TF1 group's channels.
- Design and implementation of an API and front-end to retrieve HTTP request dumps with session management, automatic loading of dumps from S3 to facilitate debugging, and replication of requests.
- Designed an API to estimate the volume of impressions available and the budget for segmented TV based on targeting criteria, with user, role and company management.
- Contributed to the creation of a test tool, a man-in-the-middle proxy that exposes a TypeScript api for orchestrating end-to-end integration tests on HTTP services, notably the WizAds ad proxy.

Back-End Software Engineer - Go
ThemeCloud | November 2021 - July 2022

- Redesigned the entire back-end infrastructure using GCP, Go and Kubernetes.
- Created a scale-to-zero system for WordPress instances with Kubernetes.
- Created a REST API in Go to communicate with Kubernetes and WordPress.
- Created a Kubernetes controller to manage ProxySQL and to manage GCP resources.
- Created a WordPress plugin to benchmark a website.

Freelance Software Engineer
GitHub | August 2019 - September 2021

Development and maintenance of popular repos in Rust, Go and Javascript used by thousands of developers.

Freelance Software Engineer / DevOps - NodeJS & TypeScript
CoinArc - Crypto-Currency | May 2020 - July 2020

- Creation of an API using the SOLID architecture.
- Use of PostgresSQL, JWT, SafeCharge, AWS S3 & CoinBase Pro.
- API integration using NuxtJS.
- Real time notification system using WebSocket.

Academic History

Jean-Pierre Vernant High School
High School Diploma | Mathematics & Numerics and Computer Science

- Baccalaureate with specialization in mathematical, numerics and computer science.
- Won Hackathon.
- Currently helping to organize Hackathon and helping students.