Mahdi Dibaiee

Backend & Platform Engineer

🌐 mahdi.blog
✉ mdibaiee@pm.me
🎂 24 July 1998
🔗 mdibaiee

WORK EXPERIENCE

Personio
Platform Engineer
(September 2021 - Present)

Joined the Developer Experience team, responsible for streamlining the process of development for other engineers. This includes:

- Understanding pain points of engineers in their development process through surveys and 1:1 chats with engineers from different teams.
- Creating generic, global pipelines for linting, security checks and dev environment deployment for merge requests
- Safety of deployment through canary releases using Linkerd and Flagger
- Development of custom resource definitions and helm charts for Kubernetes allowing easier we-build-it-we-run-it for our product teams by abstracting away the nuances and details of working with Kubernetes resources.
- Feature Flags to allow developers and product to test their changes incrementally and for specific groups first using Split.io
- Maintaining libraries and microservice templates used across the company in all teams: multi-tenancy protection, SQS reactive listener, docker base images, etc.
- Datadog integration for metrics, exceptions, alerting, synthetic tests and more which allow for an observable system for all teams, and the domain-relevant metrics can further be used in autoscaling or for canary metrics, etc.
- Easing the local environment setup using automated scripts

Tech Stack: Flagger, Split.io, Kubernetes, Go, Linkerd, Datadog, AWS, Kotlin, Gradle

Personio
Backend & Platform Engineer
(January 2021 - August 2021)

Lead the project for creating a generic Sharing functionality in Personio with a microservice architecture using gRPC as its main interface, and a Backend-For-Frontend for a separation of concerns of front-end related logic. The service allowed different domains to share their objects and enabled them to create user interfaces on top through the Backend-for-Frontend.

Worked in Analytics and Reporting team on our solutions for generating various (including custom) reports for our customers.

Tech Stack: Kotlin, Kubernetes, Elasticsearch, Postgres, AWS SQS, gRPC

AYLIEN
Backend & Platform Engineer
(January 2017 - December 2020)

Designed and implemented a data processing pipeline over the years as part of a team, responsible for retrieving multi-lingual news from around the world, translating & analysing them using machine learning models and clustering them in real-time with an API interface to search accessible by customers.

- Lead the project to implement new scalable pipeline in place of a multitude of legacy systems to reduce the infrastructure, engineering and maintenance costs significantly.
- Processing 1.2M articles per day through compute-intensive models!
- Successfully migrate customers from the legacy system to a new one seamlessly by incorporating automated testing and request mirroring to ensure backward compatibility. Processing more than 1.5 million requests per day!
- Maintaining communications between engineers, sales and customers during the process.

Tech stack: Scala, Go, Python, Akka, GCP, BigTable, Elasticsearch, PubSub, BigQuery, Istio, Kubernetes, Jenkins, Terraform, Linux, Ruby on Rails

LogicKit
Technical Consultant / Lead
(January 2019 - January 2019)

Tech consultant at LogicKit as the startup was taking feet, helping them design their application to scale, both in terms of data load, maintenance and development, preparing them for a larger team and market size after their initial MVP. Tech stack: Ruby on Rails, TypeScript, React, Heroku, React Native, Node.js

Betternet
Full Stack & Mobile Engineer
(September 2015 - January 2017)

I worked as web developer on websites betternet.co and betterspot.com and browser extensions for the VPN. Also worked on a hybrid mobile application using React Native. The application was responsible for controlling a physical router through a Wi-Fi connection. Tech stack: HTML, Less, JavaScript, React Native, Node.js, WebExtensions API

EDUCATION

University of Science and Culture
Bachelor's Degree Computer Engineering

University College Dublin
Master's Degree Cognitive Science

Part-Time Study

SKILLS / KEYWORDS

Scala	Go
Python	Kubernetes
Istio	Google
Cloud	Platform
BigTable	BigQuery
PubSub	Terraform
JavaScript	Elasticsearch
Prometheus	Grafana
Postgres	Akka
Rust	Haskell
Linkerd	Flagger
AWS	Datadog