

Michaël Giovanni Jules

A Gopher who creates little minions; the industry calls them microservices.

github.com/mgjules linkedin.com/in/mgjules hi@mgjules.dev

Experiences

Atellio (atellio.com)

Aug 2022 > Feb 2023

Senior Backend Engineer

Go Rest gRPC Swagger PostgreSQL InfluxDB Meilisearch Traefik Docker Swarm Datadog CircleCI S3

- Worked on and optimised the ``activityFeed``, ``notifications``, ``templates`` and ``searchIndexer`` engines to perform more reliably under heavy load.
- Developed the ``metrics`` engine using [Mixpanel](#) for product analytics.
- Devised and implemented a testing strategy for the various engines (i.e. ``activityFeed``, ``notifications``, ``templates``, ``searchIndexer`` and ``metrics``) to ensure their resiliency.
- Worked on and optimised the internal event system to scale from less than a hundred to thousands of clients on a single instance of the platform.
- Devised and implemented a service-wide type-safe validation framework to ensure data validity and consistency.

Ringier SA (ringier.com/about-us/south-africa)

Feb 2021 > Jul 2022

Senior Full-Stack Developer

Go Rest Swagger VueJS TailwindCSS DynamoDB Timestream Docker Redis RabbitMQ Datadog Blockchain Temporal S3 AWS Pulumi

- Worked on the core Go microservices powering the [Ringier Event Bus](#) serving millions of events monthly across more than a dozen of companies and teams.
- Developed an Infrastructure as Code Go microservice codenamed ``Atlas`` to fully automate provisioning of the Ringier Event Bus on AWS with automated integration testing.
Infrastructure cost reduced by 35% and new environment provisioning time reduced by 30%.
- Developed a Go CLI application codenamed ``Timestream Travel`` as an AWS Timestream backup solution for [webvitalize.io](#).
- Developed and showcased a payment Go microservice using Web3 technologies during a play-week.
- Developed and showcased a MVP Event Bus using Temporal at its core during a play-week.
- Organised company-wide Go workshops to onboard and train new Gophers.

Bocasay (bocasay.com/mauritius-agile-service-center)

Apr 2020 > Feb 2021

Senior Web Developer

PHP Symfony Rest VueJS TailwindCSS Bootstrap MySQL Redis Docker

- Implemented an advanced user experience for launching SMS campaigns.
- Improved an existing payment and subscription system using Stripe.

La Sentinelle Digital Ltd (lasentinelle.mu)

Jun 2018 > Apr 2020

Senior Software Engineer

Go PHP gRPC GraphQL Swagger VueJS SvelteJS TailwindCSS PostgreSQL Redis Docker

- Developed several online services including [culture.lexpress.mu](#), [businessmag.mu](#), [lasentinelle.mu](#), to name a few.
- Developed a Go CLI application codenamed ``Gocipe`` to generate the Content Management Systems powering the aforementioned online services.
- Developed a custom Single Sign-On solution in Go codenamed ``Passport`` for a seamless user experience across the aforementioned online services.

PHP Developer

PHP jQuery Bootstrap MySQL

- Developed a new major version of expat-blog.com; now expat.com.
The rehauded user interface and experience contributed to the platform crossing the 1.5M total registered users.

PHP Developer

PHP Drupal jQuery MySQL

- Developed a new major version of packshot-creator.com in 2 months with the primary objective to provide an augmented experience of the Packshot Creator product line.

Latest Personal Projects

Harvit harvests data from different sources (e.g websites, APIs), converts and transforms it.

Go Docker

A microservice which provides REST API endpoints to query the current playing track on Spotify.

Go Rest Swagger Docker Kubernetes RabbitMQ

A CLI application to backup time-series data from Amazon Timestream to S3.

Go Timestream S3

A REST/gRPC microservice to simulate a deck of cards.

Go Rest gRPC Swagger Docker

My personal space on the web (/[🟡🟢🟠](https://mjules.dev)/) (a.k.a mjules.dev). Hosted using my [extremely minimal homelab](https://extremelyminimalhomelab.com).

Go Rest TailwindCSS Directus EdgeDB Docker Traefik

[View more \(github.com/mgjules \)](https://github.com/mgjules)

Latest Contributions

Speaker

Directus CMS

Speaker

UnoCSS

- Front-End Coders Meetup (frontend.mu/meetup/38)

Speaker

Astro: fast websites next-gen island architecture

Aug 2022
- Front-End Coders Meetup (frontend.mu/meetup/18)

Speaker

Reactivity Everywhere.js

Apr 2022
- Gophers MU Meetup (gophers.mu)

Speaker

WTF is Go?

Feb 2021
- [View more \(mgjules.dev/cv/contributions \).](#)

Awards

- Krakathon

🏆 Winner

Competed against 215 contestants as Team Kalchul and won with a lead of 4000+ points.


Oct 2019
- Krakathon


🥈 Runner-up


Competed against 114 contestants as Team Wachawi and placed second.


Oct 2018


Interests


Gaming

Space Exploration

Skateboarding

Robotics

Movie & Series

Anime & Manga

Languages

- 

English

Full professional proficiency
- 

French

Full professional proficiency