

Dylan Migewant

Software Developer

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Gland, Vaud, CH

I'm a backend developer looking for my next professional opportunity. As a firm believer that a programmer's greatest asset is their knowledge, I am equally eager to contribute and absorb insights. In my free time, I love to learn new things. My interests include programming, economics, online privacy, history and philosophy. I'm a self-taught Japanese speaker—I hold the N2 certificate—and lived more than a year in this distant country.

Experience

Software Developer

Pictet Group · Geneva, Switzerland

Sep 2023 - Aug 2024

Participated in the IT Experience Trainee Program, gaining hands-on experience by working with two different teams in 6-month rotations, developing a diverse skill set and a well-rounded understanding of IT operations. Main technological stack was Spring Boot, Angular, PostgreSQL, Docker, Kubernetes, Go and Bamboo.

- Conception from scratch up to programming and deployment in production of a brand-new web service and API for collaborators to aid in document classification
- Script to import existing data from spreadsheets to a PostgreSQL database
- Business analysis and tests—including unit and functional tests with more than 90% coverage
- Database design and administration
- CI/CD and deployments to production environment
- Migrated legacy projects to containerized environments, ensuring improved scalability, performance, and maintainability

Backend Software Developer

Rolex · Geneva, Switzerland

Feb 2021 - Jun 2021

Completed an internship as part of my Advanced Federal Diploma of Higher Education, where I analyzed internal processes and contributed to the migration of a legacy system by designing and partially developing an API. Main technological stack was .NET Core.

- Analysis of the main business processes for the management of IT infrastructure
- Autonomous evolution of an internal application and creation of an API, including documentation
- Performance improvements
- Ensure usage of .NET Core best practices

Software Developer

Pictet Group · Geneva, Switzerland

May 2018 - Apr 2019

Completed the second and final year-long internship for the Federal Diploma of Vocational Education and Training, focusing on maintaining a user role management web service, automating workflows, and resolving technical issues independently. Main technological stack was Spring Boot, Angular, Oracle Identity Management and JavaFX.

- Maintenance of user role management web service using Java, Spring, Angular and SQL
- Working as sole engineer identifying root errors and planning solutions
- Automation of user task workflows in Oracle Identity Management, resulting in a significant reduction of manual effort and streamlining processes

Software Developer

Radio Télévision Suisse · Geneva, Switzerland

May 2017 - Apr 2018

Completed the first year-long internship for the Federal Diploma of Vocational Education and Training, marking my first professional work experience. Gained hands-on experience with web frameworks, mobile development, and agile methodologies. Main technological stack was Spring Boot, Angular, Node.js, Scala, Android and Objective-C.

- XSL transformations for video encoding with Elemental
- Web service to visualize Elemental encoding results
- Added new features on Android applications Kids and Couleur3

Skills

Backend Development

Spring Boot
Go
.NET
HTTP
REST

DevOps

Docker
Kubernetes
CI/CD
HashiCorp Nomad

Frontend Development

Angular
Tailwind
React
Vue.js

Education

Vocational School (専門学校),
Japanese Language

ISI Language College

Advanced Federal Diploma of Higher
Education (ISCED 6), Software
Development

Centre professionnel du Nord
vaudois

Federal Diploma of Vocational
Education and Training (ISCED 3),
Computer Science

École des Arches

Certificates

Japanese-Language Proficiency Test
N2

The Japan Foundation

Languages

French · Native speaker
English · Master
Japanese · Advanced

Projects

Maintainer

qv

Developing an open-source web application that applies the quadratic voting system, intended for small-scale voting platforms like Strawpoll.

- Design and development
- Unit tests
- Docker image builds and hosting
- Strength and pitfalls of SQLite
- Gained firsthand experience with the challenges of using cgo in Go development

SysAdmin, Developer and Writer

Self-hosted homelab

Bought a second-hand server from a small company moving to the cloud. Hosting various services for family and friends.

- DNS configuration
- Web server configuration, including TLS certificates
- Resolved an issue where server wouldn't acquire an IPv4 address automatically
- Bug reporting on various projects

Interests

Sports
Literature
Games
Finance

Links

blog.dlmw.ch

linkedin.com/in/dylan-migewant