

# Xavier MAWET

SOFTWARE ENGINEER UX/UI & CLOUD · INDUSTRIAL ENGINEER

61, Rue de Verviers, 4651 Battice, BELGIUM

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📄 xaviermawet | 🌐 xaviermawet | 📄 xaviermawet | 🏠 Self-hosted GitLab server



## Experience

### EVS Broadcast Equipment

Liège, Belgium

SOFTWARE & CLOUD ENGINEER (INNOVATION TEAM) · Full-time

Oct. 2022 - Now

- Involved in development, architecture and scalability aspects of a new cloud-based solution (Azure).
- Built POC in C++/QML enabling operators to zoom in on a video either manually or automatically using AI (Tech of the Year 2023).

SOFTWARE & CLOUD SOFTWARE ENGINEER · Full-time

Jan. 2021 - Sept. 2022

- Involved in development, architecture enhancement and scalability aspects of a cloud-based solution (AWS).
- Developed and improved containerized microservice applications and RESTful services using ASP.NET Core and .NET 5.0/6.0.
- Participated in the development, testing and deployment of web applications using React, Typescript and Cypress.
- Worked with container systems like Docker and container orchestration like Kubernetes or Amazon ECS/EKS, managed with Terraform.
- Used CI/CD pipelines automation (TeamCity) to drive all the builds out to the package or container registries.

### British Telecom (formerly, IP Trade)

Liège, Belgium

SOFTWARE ENGINEER UX/UI · Full-time

Sept. 2016 - Jan. 2021

- Participated in the development and improvement of an IP-based desktop telephony application ([TouchPro](#)) written in C++/Qt/QML.
- Designed and implemented a RESTful HTTP/JSON backend server in C# using ASP.NET Web API.
- Acquired strong analytical skills by solving multiple complex issues such as deadlocks in relational databases.
- Maintained and improved the Turret Support Server (TSS), a Microsoft ASP.NET web-based management and database application.
- Started to implement new VoIP Web Application from scratch with Angular.
- Collaborated with multiple teams daily to build full stack applications for dozens of clients.

### Mobilu

Bertrange, Luxembourg

MOBILE APPLICATION SOFTWARE ENGINEER · End-of-studies Internship

Feb. 2016 - May 2016

- Learned about concepts in iOS app development, gained a deeper understanding of the Swift programming language.
- Evaluated and started developing a new iOS application from scratch with Swift.
- Modified existing Objective-C iOS applications and added new capabilities according users requirements.

### Haute école de la Province de Liège - EcoMotion Project

Seraing, Belgium

SOFTWARE DEVELOPER · End-of-studies Internship

Feb. 2013 - May 2013

- Created a desktop application (C++/Qt/SQLite/GSL) to interpret/analyze data extracted from an [ultra-fuel-efficient racing car](#).
- Participated in [Shell Eco-marathon](#), one of the world's leading energy efficiency competitions.

## Skills

### COMPUTER SKILLS

<b>Architecture</b>	Structurizr (C4 model), UML, Design Patterns, The <a href="#">Clean Architecture</a>
<b>Database</b>	Microsoft SQL Server, PostgreSQL, MySQL/MariaDB, <a href="#">Realm Database</a> , SQLite, DynamoDB, Cosmos DB, Elasticsearch
<b>Programming</b>	C, C++, C#, Swift, Bash, PowerShell, JavaScript, TypeScript, $\LaTeX$
<b>Back-end</b>	ASP.NET Web APIs, ASP.NET MVC, ASP.NET Core, Node.js
<b>Front-end</b>	Qt/QML, SwiftUI, Xamarin(.Forms), .NET MAUI, React, Redux, Tailwind CSS, Bootstrap
<b>Versioning</b>	Git ( <a href="#">Self-hosted GitLab server</a> , GitHub, Bitbucket) - <a href="#">Gitflow workflow</a> , SVN
<b>Project Mgmt</b>	Agile/Scrum methodology, Jira, Confluence, Pivotal Tracker, Trello
<b>DevOps</b>	TeamCity, Docker, Kubernetes, Ansible, Terraform, Renovate, SonarQube, JetBrains' tools
<b>OS</b>	GNU/Linux-based OS, macOS, Arch Linux user, Windows (Server), Android, iOS
<b>Networking</b>	Switching & Routing (CCNP level), Security (Cisco ASA), VoIP
<b>Virtualization</b>	VMware ESXi, vSphere Hypervisor, KVM
<b>Cloud</b>	Amazon Web Services (AWS), Microsoft Azure, OVH

### SOFT SKILLS

- Team skills** Team player, critical thinking, flexible, reliable and calm under pressure
- Others** Well-organised, self-motivated, hard-worker, resourceful, fast learner, eager to learn and develop new skills

## LANGUAGES

**French** Native language

**English** Read, spoken, written – *Professional working proficiency*

## Education

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### Haute Ecole de la Province de Liège (HEPL) – Department of Industrial Engineers (ISIL)

*Liège, Belgium*

MASTER'S DEGREE IN COMPUTER SCIENCE AND INDUSTRIAL ENGINEERING

*Sept. 2013 - Aug. 2016*

- Graduated in 2016 – *Distinction*

### Haute école de la Province de Liège (HEPL) Rennequin Sualem – INPRES

*Seraing, Belgium*

BACHELOR'S DEGREE IN COMPUTER SCIENCE AND SYSTEMS

*Sept. 2010 - Jun. 2013*

- Option : Networks and Telecommunications
- Graduated in 2013 – *High Honors*

### Université de Liège (ULg) – Faculty of Applied Sciences

*Liège, Belgium*

BACHELOR'S DEGREE IN COMPUTER SCIENCE

*Sept. 2009 - Jun. 2010*

- Completed the first year of the bachelor's degree before moving into new education choice.

## Interests

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- Men's artistic gymnastics
- Motorsport
- Bitcoin, crypto currency & trading
- Mountain biking
- Snowboarding & skiing
- New technologies
- Travelling - Canada
- Video games
- Shooting sport