Amaury CIVIER

Software Engineer

CONTACT

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Github
Portfolio

DEGREES

Engineering Diploma in Computer Science, Networks and Cyber Security
Grenoble Institute of Technology - Esisar | 2015 - 2018, Valence, France

Bachelor's Degree in Engineering Science
Grenoble Institute of Technology - Esisar | 2015 - 2016, Valence, France

University diploma in technology specializing in computer science
Savoie Mont-Blanc University – IUT Annecy | 2013 - 2015, Annecy, France

LANGUAGES

French (native language)

English (Professional - TOEIC SCORE 885)

Japanese (Limited working)

HOBBIES

Piano | Climbing | Skate | Snowboard | Trips | Open Source | Creativity | Electronic

PROFESSIONAL EXPERIENCES

DON'T NOD Entertainment - Paris
DevOps / Tools Engineer | 2024 – TODAY

DevOps / Tools Engineer for a major French video game studio in Paris.
- Developed a visualization tool for Unreal game assets through a web interface (**React**) and a back-end (**ASP.NET**), featuring customizable views based on **MongoDB** queries.
- Designed a pipeline for generating map backgrounds in Unreal Engine, converting images into **OpenStreetMap** tiles viewable **with Deck.gl**.
- Integrated complex data (game actors, performance metrics, Jira tickets) directly into an interactive map.
- Implemented continuous integration environments (Gitea/GitHub) for automating testing, building, and deploying web applications, APIs, and command-line interfaces.

Dronelogbook / FlySafe
Freelance developer | 2022 – 2024

Design and development of a mobile companion application for Dronelogbook and FlySafe using **React Native**. The application simplifies drone mission management, integrating advanced mapping features (**MapBox**) such as airspace display and flight zone definition. Developed native modules in **Kotlin/Swift** for drone communication, enabling log retrieval. The application is available on the iOS and Android. stores.

Positive Thinking Company - Geneva
IT Consultant | 2018 – end-2022

In charge of the design and architecture of **web/mobile** business applications.
- Contributed to **tender responses** and drafting of **specifications**.
- **Managed** the web/mobile division in Switzerland at PTC, including the creation of training programs, workshops, and internal projects for employees.
- Participated in the company's recruitment process by conducting **technical evaluations**.
- Served as a **technical lead** for **mobile** application development using **Flutter** and **React** Native, as well as web applications using **React** and **Angular**. Developed APIs with Node.js (Express, Nest.js) and ASP.NET (C#).
- **DevOps**: Implemented continuous integration environments on Azure DevOps to automate testing, building, and deployment of web and mobile application artifacts.

SKILLS

Programming Languages (**C#**, Java, C/C++, Rust, Python, **Typescript**, **Dart**) | GIS (**Deck.gl**, **MapBox**, leaflet, OpenStreetMap**) |** Mobile development (**Flutter** & **React Native**, Swift, Kotlin, **Fastlane**) | Web development (**React, Angular, Next.js**, Vue.js, Tailwind, **Web Socket**) | State Management (**Mobx**, **Redux**, **Bloc**) | Oriented Object Programming | **Functional Programming**| Advance Design Pattern | Network communication | Database (NoSQL, SQL) | Project Management (agile method) | Cybersecurity | DevOPS (Docker, Terraform) | **CI/CD** (Github, Azure DevOps)