



# ELLIOTT ZWERTVAEGHER

Developer

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## CAREER SUMMARY

Bi-lingual full-stack developer with 5+ years of professional experience in France and South Korea. Very familiar with the Front-End environment and Vue3 ecosystem. Worked both solo and as part of a team. Passionate, curious, eager to learn and transmit, I also have experience in working with and teaching junior developers.

I am now looking to consolidate my knowledges and expand my Back-End and management skills.

## WORK EXPERIENCE

### ○ Front-End Developer

3i - 쓰리아이

Sept. 2021 - Present

Part of a small 4~7 members team, I actively participated in the **migration** of several vue2 projects to vue3, in the **development of new tools and products** in **typescript** and **vue3** and in documenting existing projects. Additionally, I actively participated in day to day activities and missions.

#### Achievements:

- Migrated existing products from vue2 to vue3.
- Planned and developed company's video meeting product.
- Built a set of tools to help/**improve coworkers daily work&life** (CLI, typedoc-vuepress, Slack bot, QA testing tools, FIFA 2022...).
- Migrated all front-end projects (30+), CICD pipelines and webhooks.
- **Designed and developed libraries** to simplify FE projects development (core logic, vue components, integration api).
- Maintain and develop features for company's core THREE.JS module.
- Improved company's workflow: branching strategy, git cz, PR...
- Side missions: job interviews, AWE exposition, 3D logo, **juniors mentoring**...

#### Technologies used:

Vue.JS   Typescript   Pinia   SASS   Vite   ThreeJS   Unity3D   Twilio   NodeJS

### ○ Full-Stack Developer

Dell Technologies Korea

Jan. 2020 - Sept. 2021

Hired as a full stack developer consultant, I worked on Samsung's big data transformation project. In a team of 5~8 people, I participated in the design and implementation of **big data services**. Pro active, I also **suggested**, implemented and deployed several **custom tools** now **used by Samsung engineers** to visualize and monitor their systems.

#### Achievements:

- Research and implement an S3-like API using Java spring boot.
- Implement a JS worker based runtime client side algorithm to generate **graph showing thousands of micro-services status**, their relationship and impacts on other services in case of a crash.
- Vue2 interface to control the micro-services graph and alarm system (email, sms, etc..) based on user defined rules (CPU threshold, API healthcheck, etc..).
- Vue2 admin and user interface to visualize, manage, launch, stop/kill, get results of single-threaded and multi-threaded cloud python computation scripts, run queue, user quotas...
- Unit tests for developed products with Java spring boots.
- UI/UX **Consulting activities** on client's internal projects.

#### Technologies used:

Vue.JS   Typescript   Vuex   ThreeJS   Java Spring Boot   CrateDB   Redis   Kafka

## SKILLS & TOOLS

### Hard Skills

Vue.JS

Typescript

HTML, CSS/SASS

Node.JS / Express.JS

C#

Unity

Ionic

### Soft Skills

Problem solving

Effective Communication

Adaptability

Continuous learning

Leadership

Decision making

Mentoring

## EDUCATION

EPITECH

Bachelor & Master degree in I.T.

Oct. 2013 - June 2018

KEIMYUNG UNIVERSITY (계명대학교)

Exchange student in South Korea – video-game specialization

Sept. 2016 - June 2017

HANYANG UNIVERSITY (한양대 어학당)

Korean language study

Dec. 2018 - June 2019

## LANGUAGE

French (Native)

English (Professional)

Korean (Novice)

## INTERESTS

Basket-ball, Hiking, Climbing

Travel, Video-games

## Full-Stack Developer

Self Employed

Oct. 2017 - Jan. 2020

To **broaden my knowledge** beyond the developer position, I decided to **create my company** and work as a freelancer. For more than 2 years, I learned how to reach to new customers, to **listen to their needs**, to suggest and adapt new or existing solutions to their needs, to **plan and estimate** development tasks, to **deliver** and to handle possible delays.

### Achievements:

- Conception and development of a **cross-platform mobile application** using IONIC2 framework.
- Blog type custom website linked with Facebook feed using Facebook API.
- 2 party games using Unity3D
- Personal **open source** project : KoaJS API documentation generator.
- Listen and understand customer needs and suggest suitable solutions.

### Technologies used:

Vue.JS   Vuex   Ionic   KoaJS   Unity3D   NodeJS

## Full-Stack Developer (Intern)

CapGemini FRANCE

Apr. 2018 - Sep. 2018

Accomplishment of my **master degree**, I joined the C# development team in CapGemini FRANCE. As a junior, I mainly worked on company's internal tools and projects, and learned a lot from my peers. As I showed progress and got more autonomous in my work, my team's confidence in me started to grow. At this time, I got to participate for the first time in a large-scaled client's development solution project.

### Achievements:

- Developed NEXITY's new marketing campaign management platform (front-end & back-end).
- Write technical documents / update existing ones.
- Customer assistance & customer's developers support.
- Designed and developed a new company co-working space in Angular 6 (with back office).

### Technologies used:

C#   ASP.NET   Angular6   NodeJS

## Full-Stack Developer (Intern)

Digital Street FRANCE

Apr. 2016 - Jul. 2016

As part of a 4 people start-up company, I was in charge of the web and android projects. I decided to use technologies and frameworks that I was familiar with : Angular, Ionic and Java. This internship was part of my **bachelor degree** validation exam.

### Achievements:

- Interactive platform dedicated to online influencers to generate their own custom mobile app (AngularJS).
- Migration of 2 iOS apps to Android.
- Designed and developed a mobile webview app using IONIC1 in solo.
- Mockups and business proposal document.
- Technical and end-user documentation

### Technologies used:

AngularJS   Ionic1   Java Android   Draw.IO

## Developer (Intern)

Dupont Restauration FRANCE

Jul. 2014 - Dec. 2014

First internship. I work for Dupont Restauration as a Junior developer. Using the company's technologies, I automated the company's reporting process and migrated old ACCESS database data to a new ORACLE app.