

VALENTIN BOUIS

Montreal, Canada · (438) 488 4535 · valentin.bouis@gmail.com · [Github](#) · [Linkedin](#)

Software Engineer with over 3 years of experience in full-stack development and leading product cycle from conception to completion. I enjoy solving problems, both on a professional and personal level. I am never done learning and am ready for new challenges !

PROFESSIONAL EXPERIENCE

Desjardins, Montreal, CA

2020 – Present

Software Engineer

- Created multiple web apps using **Angular / React**, empowered by modern technologies like **RxJs, NgRx, SASS, Web-Components**, ...
- Used **Java Spring Boot** to create a Backend for Frontend (BFF) and Microservices connected to **SQL Databases**.
- Deployed applications in **Azure** Cloud environments, from dev to production, using CI and CD tools like **Concourse, Artifactory, Git**.
- Managed multiple Azure Kubernetes Servers (**AKS**) to assure stability and continuous delivery.
- Implemented a custom layer of **OpenId Connect** protocol in our Liferay Portal to respect the company's needs and enhance the security.
- Wrote unit tests and integration tests for both backend and frontend applications, with **Jasmine, Karma, Selenium** and **Junit**

Groupe AZUR, Montreal, CA

2018

Software Engineer Intern

- Participated in the development of professional web applications for IATA using **Angular** and **HTML5**
- Fixed multiple issues in the Backend, implemented in **C#** with **.NET framework**
- Worked with a big data **SQL** database containing **1M+ rows**, while having to maintain efficient requests.

EDUCATION

Ecole Polytechnique de Montreal, Montreal, CA

2014-2020

Bachelor of Software Engineering

- Artificial Intelligence specialty: **Deep learning, Data mining, Computer Vision, NLP**
- Relevant classwork: **Data structure, Advanced algorithms, Network security, Patterns designs**

SKILLS & PROJECTS

Skills: Javascript, Typescript, Angular, React, RxJs, NgRx, C++, C#, Python, HTML, CSS, SQL, MongoDB, Azure, Kubernetes, React Native, Nodejs, Java, Unit testing, Liferay, Git, Linux, Pytorch, Flask, Docker, Express, Gradle, Maven

Personnal projects: Multiplayer crosswords / 3D browser race game / Tinder BOT with AI / Web platform to help students study together / Math and programming Tutor / Parking helper App / STM fares optimizer

Activities and Hobbies: Esport North America Collegiate vice champion (2015) / Lan parties organizer / Hackatown