

# Lionel Andrieu

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## Professional summary

Skilled and hard-working front-end developer with 3 years of experience in software development and consulting. I'm currently looking for a new position as a **front-end** or **full-stack** developer. I have a solid interest in web technologies, and building accessible and elegant user interfaces.

I have strong abilities with recent web technologies such as **Node JS**, **React JS** and **GraphQL**. I wish to work on innovative projects in a pleasant atmosphere among talented and enthusiastic team members.

## Experience

📅 01/2018 - 09/2020

📁 Solutions consultant

🏢 ESKER

📍 Sydney, Australia

*Esker is a global leader in document process automation. Helping organizations to improve documents processing via cloud-based automation solutions.*

### Position summary

As a solutions consultant, my role was to design and to customize the solutions with **JavaScript**. Then, once the solution deployed, to train and support our customers.

### Key responsibilities

- Developed **performant**, **maintainable** and **reusable** components in **JavaScript**
- Integrated **web services** and **APIs** (XML and JSON) to the solution
- Solved complex technical problems to satisfy customers' needs, and optimizing the solution for maximum **speed** and **scalability**
- Wrote test cases and performed **unit testing** during project development. And resolving bugs using tools such as Chrome developer tools

### Key achievements

- Delivered 10+ successful projects across a wide range of industries
- **Named Rookie of the year 2018** "*demonstrated a strong ability to adapt to his new role and environment, and easily adjusted to the culture of Esker ANZ*"

📅 06/2017 - 12/2017

📁 Front-end Developer

🏢 Option Way

📍 Nice, France

*Option way is an online travel agency created in 2012, proposing innovative solutions to simplify the booking of airline tickets.*

### Position summary

I joined the engineering team as a front-end engineer to develop the company's new website. During the first weeks, I had to learn the front-end framework used at Option Way, Ember JS. My abilities to learn quickly have been very precious to accomplish this task.

### *Key responsibilities*

- Wrote **reusable** client-side code for web-based applications using **Ember JS** and improved the existing code base, architecture
- Drastically optimized the web application for maximum **speed** and **scalability**
- Collaborated with other team members to determine the best solutions to **solve problems**
- Interacted with the back end **API** and used libraries such as **jQuery**, **Bootstrap** and **Sass**

### *Key achievements*

- Implemented a responsive website usable on any device, and enhanced the user experience significantly
- Delivered the new website on time with a user interface easily understandable for any customer

## Projects

📅 **From 10/2020**    📁 **Airfares Tracker**    🌐 [www.landrieu.cc/airfares-tracker](http://www.landrieu.cc/airfares-tracker)

### *Project summary*

I developed a complete web application with the MERN stack from scratch (front-end and back-end). This website allows users to create airfares trackers. Three times a day, the market is scanned and the user gets notified if the evolution reaches a predefined limit.

### *Technology used*

- Built back-end service using **Node JS**, **Express**, **MongoDB** and **GraphQL**
- Developed the front-end with **React JS**, **Redux** and **GraphQL**
- Created a routine script that scans airfares evolution many times a day

### *Key features*

- Create a tracker, and visualize the airfares evolution along the time
- Set a trigger in order to get notified if the prices go under a defined limit
- Depending on the user's location, a list of popular routes evolution is displayed on the homepage

📅 **Ongoing**    📁 **Various projects**    🌐 [www.landrieu.cc](http://www.landrieu.cc)    🌐 [github.com/landrieu](https://github.com/landrieu)

I developed my website from scratch, using the cloud hosting service proposed by Digital Ocean. Some projects I developed are hosted on this website. They go from simple vanilla JavaScript components to complex web applications.

It required a lot of effort and abnegation. Nevertheless, the feeling of reaching my goals was very satisfactory and gave me confidence in my skills to assimilate new competencies. It also helped me to get an overall perspective on web development projects.

The purpose of those projects is to strengthen my skills and acquire new abilities.

For example:

- Building ES6 features
- Creating JS components from nothing: line chart with Canvas
- Getting familiar with libraries such as jQuery and Chart JS
- Learning new programming languages: Go and GraphQL

Main technologies used **Node JS**, **MongoDB**, **Go**, **React JS**, **Angular**, **GraphQL**, **HTML**, **CSS** ...

## Education

📅 09/2014 - 12/2017    🎓 Master of Computer Science    🏢 ENSEA    📍 Cergy, France

Engineer's diploma at Ecole Nationale Supérieure de l'Electronique et ses Applications

Major: Computer science, Minor: Digital electronics and image processing

📅 09/2014 - 04/2017    🎓 Academic exchange    🏢 UWO    📍 London, ON, Canada

Major in Computer science, Minor: Information security and networking

## Competencies

### Programming

- Web development: **HTML**, **CSS**, **JavaScript**, jQuery, **Angular**, **React JS**, Redux and **Node JS**
- Database and API: **MongoDB**, MySQL, RESTful and **GraphQL**
- Testing and debugging: Mocha (Chai, Istanbul), Jest and Chrome Developer Tools
- Other: **Go**, UNIX Shell Script, C, C++, VBS

### Project management and communication

- I'm familiar with agile/scrum methodology. I'm used to managing projects with **Trello** and **Monday.com**
- Version control: **Git**, SVN, Bitbucket
- As a technical consultant for Esker, I was taking part in workshops with customers to determine their needs. I also participated in solution presentations and training.

### Office software and IDE

- IDE: **Visual Studio Code**, Eclipse, Android Studio, Matlab, Code Blocks and Geany
- OS: Windows, UNIX/Linux

## Languages

🇬🇧 English: Fluent. Living in Australia since March 2018

🇫🇷 French: Mother tongue

## Hobbies and interests

Interests: Movies and cooking

Sports: Badminton, football and hiking, I enjoy casual walks around Sydney.

Visa status: Currently holding a working holiday visa (valid until March 2022). I'm looking for sponsorship.