

Paris, France

# VALENTIN FOUCAULT

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**Software Engineer with 3+ years of experience in launching entrepreneurial projects and developing web / mobile applications with the JavaScript / React.js / React Native / Node.js technologies for a variety of startups and SMBs.**

## EXPERIENCE

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### Software Engineer (React, Node)

Zero 1

October 2019 – January 2020

Zero 1 is a startup studio based in London that builds new companies in various industries by partnering with FTSE 100 corporations such as Barclays and British Gas. Currently involved in the Insurance, Healthcare, and Cloud sectors.

- Added new features on the front-end and back-end components of an internal tool that enables Zero 1 to test new business ideas by deploying landing pages or Minimum Viable Products (MVPs) to a specific audience.
- Implemented a feature with the Google APIs for a healthcare startup (Lifted) that enables the operations team to save time when planning a visit by visualizing the travel time between each of the carers and a specific client.
- Wrote unit tests for a variety of front-end and back-end components. Worked with the agile methodologies.

### Mobile Developer (React Native)

Kraaft.co

June – September 2019

Kraaft is a tech startup reinventing communication in factories via a mobile app that enables factory workers to communicate more easily with features such as voice recognition and natural language processing (NLP).

- Implemented an encrypted database system that reduced the initial loading time of the app by an average of 50%.
- Was in charge of porting the app from the Expo ecosystem to iOS & Android “native” code.
- Worked with the agile methodologies and run Quality Assurance (QA) tests on iOS & Android.

### Freelance Developer

Valentin Foucault

May 2018 – February 2019

Helped a variety of French and Australian clients to bring their web or mobile projects to life.

- **Jimmy Fairly** → Added new features and fixed bugs on an iOS application for the iPad that enables sellers to order eyeglasses and configure them according to the customer’s request, directly in the shop. **(React Native)**
- **Ally Assist** → Reduced the time spent to select a child carer from 10 minutes to 10 seconds by developing and deploying a REST API on the Google Cloud Platform. **(Node.js)**
- **Business Continuum** → Saved around 20 hours of labour work per year by implementing an integration with the Scoro CRM on the contact form of the company's website. **(Node.js)**
- **Flatswire** → Added new features on a SaaS software that provides vacation rental management services. **(React.js)**
- **Le 24/24** → Developed additional features for the official app of an International Exhibition. **(React Native)**

### Founder & JavaScript Developer

SnapAbroad.com

January 2018 – December 2018

SnapAbroad.com is a Minimum Viable Product that enables busy travelers to save plenty of time when planning a trip by combining the results from major travel websites such as Booking.com, Skyscanner, or Yelp on one single platform.

- Developed the front-end part with React.js and Redux.
- Developed a back-end server with Node.js, Express.js, and various REST APIs to scrape and assemble the data.
- Deployed parts of the project on the Google Cloud Platform (GCP) using App Engine.

## EDUCATION

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- **École Polytechnique & HEC Paris, France** - MSc X-HEC Entrepreneurs (2021)
- **University of Surrey, UK** - BSc (Hons) Computer Science, Awarded First Class Honours - 4.0 US GPA (2020)
- **Monash University, Australia** - Exchange in the IT faculty (2018)
- **Lycée Notre-Dame de Boulogne, France** - Scientific Baccalauréat, Awarded Honours (2017)

## PERSONAL PROJECTS

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- **Meet.work**: Meetings, but made useful this time. (React.js, Firebase, Jitsi) – [meet.work](https://meet.work)
- **COM3001**: Recommendation system for the travel industry. (Python, NodeJS, React) – [com3001.valentinfoucault.com](https://com3001.valentinfoucault.com)
- **Personal website**: [valentinfoucault.com](http://valentinfoucault.com) (for additional information and projects)

## Skills

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- **Languages**: JavaScript / TypeScript (Advanced), HTML / CSS (Advanced), Java (Intermediate), Python (Intermediate)
- **Technologies**: Android SDK, Express, Firebase, GraphQL, MongoDB, NodeJS, React Native, ReactJS, Redux, Wordpress
- **Platforms**: Amazon Web Services (AWS), Google Cloud Platform (GCP)