

Curriculum vitae

Personal data

Name: Gabriel R.

Technical Knowledge and Skills

React, Node.js, CSS, Javascript



Gabriel is a software engineer, hacker, designer, and world explorer specialized in building products users love. He has been working professionally with Javascript, React.js, and Node.js for over 3 years. His deep drive to understand complex subjects and simplify them for others has motivated me to tutor in math and science, build an easy-to-use CMS, and help develop a global learning platform for children to learn English.

Education

September 2014 –
December 2017

Storrs, United States

Bachelor's Degree, University of Connecticut

GPA 3.85/4.

Concentration in Web Design & Development with additional Computer Science coursework and independent studies building full-stack web applications using JavaScript, React, Node.js, Django, Laravel, SQL, and other technologies.

Work experience

March 2019 -
November 2019

English learning platform, United Kingdom, London

Software Engineer

Stack:

- JavaScript

- React
- React Native
- Node.js
- Swift
- Objective C

Responsibilities:

- working on making the platform accessible in China by leveraging serverless and region-specific code to connect with China's first services (AWS China, WeChat Pay, Umeng);
- migrating the Unity app with 600+ games into React Native for iOS and Android;
- granting access to the entire JavaScript and React Native ecosystem;

Achievements:

- discovered and implemented a way for non-engineers to make games using After Effects by repurposing it as a simple game engine that well-suited games for children;
- tracked and analyzed in-app behavior patterns, providing deep insights for improving retention and the viral coefficient;
- increased development speed 10-fold, and kept a solid game-making workflow;

March 2018 -
March 2019

Headless CMS for websites service, France, Paris
Software Engineer

Stack:

- React
- PostCSS
- Webpack
- Scala

Responsibilities:

- developing a full-stack solution to live preview by using a browser cookie to keep track of the version of documents requested;
- creating a preview session on the server;
- communicating the state of that session to a script on the user's website;

Achievements:

- increased brand recognition and traffic by proposing and working on a GraphQL API that improves on the



- functionality of the current Predicate REST API
- greatly improved user experience with a client-side script that enables live preview, A/B tests, and an edit button for CMS content on the webpage.

May 2017 -
August 2017

The International Corporation, Remote
Software Engineering Intern

Stack:

- Vue.js
- D3.js
- Java (Spring)
- IBM Cloud

Responsibilities:

- creating Mappr, an announcement system for floor-wide communication at IBM, as a hackathon project;

Achievements:

- reduced the company's employee onboarding complexity by automating the largely pen-and-paper process of user ID creation.

September 2016 -
May 2017

Technology Commercialization Service, Remote
Lead UI Designer & Front-end Developer

Stack:

- JavaScript
- Ruby on Rails
- Turbolinks
- Redis
- Gulp
- Sass

Responsibilities:

- developing DMDventory, a platform enabling students to rent school technology for free;