



FLORIAN BIGOT

Web Developer and Engineering professional looking for a career pivot opportunity from February 2022 as a Web Developer or DevOps

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Location: [Providence, RI, USA](#)

Looking for a position in USA, Canada or Western Europe

Web developer with 2+ year of experience from development to deployment using latest technologies such as Django, Vue.js and Docker.

Mechanical engineer with 5+ years of experience in product development, application, and innovation in the automotive and aerospace industry

Independent and self-taught, embrace new problems requiring new approaches. like being challenged and solve problems

Organized, flexible and team player, manage and prioritize project execution in autonomy from development to production with cross functional teams

Open minded, flexible, and used to international environment, can adapt fast in new environment

Fluent in English and French

WEB DEVELOPMENT

- Python
- JavaScript ES6
- HTML 5 & CSS 3
- Vue.js (Vue 2, Vue 3 & Nuxt.js)
- Django and Django REST
- Docker & Docker Compose
- Bootstrap.js
- SQL and NoSQL database
- AWS services (RDS, S3 & ECS)
- Firebase (Hosting, DB, storage, authentication)
- Git & GitHub

PRODUCT DEVELOPMENT AND ENGINEERING

- Product development
- Innovation
- Product Design and validation
- Scientific computing (CAE)
- Project management
- Root cause analysis
- Component sourcing
- Customer support

PROFESSIONAL EXPERIENCE

Product Development Engineer & Web developer

Hutchinson – Danielson, CT, USA – Jan 2019 to present

Web applications development, deployment, and maintenance

- Web applications development using Django REST APIs and Vue universal applications (SPA with PWA and SSR capabilities)
- Extensive use of Docker from development to production
- Conversion of windows based scientific computing libraries into a pluggable Linux container using Docker
- Regular deployments and maintenance of a web applications on a Linux server

Technology transfer from France to the USA & new product development

- Adapted and integrated global standard design for static and dynamic sealing solutions to US customers
- Implemented additive manufacturing methods (FDM 3D printing technologies) to reduce cost and time of internal and customer prototype testing
- Responsible for Design, validation, and component sourcing for all non-standard new product development

Project Manager

Hutchinson, Saint-Brieuc, France – July 2018 to Dec 2018

Project management of molded sealing solutions from quotation to production

Scientific Computation Engineer (CAE) intern

Hutchinson, Saint-Brieuc, France – Feb 2018 to Jul 2018

Perform Scientific Computation aided product validation and optimization

Innovation engineer Intern

Coriolis Composites, Queven, France – Sep 2017 to Feb 2018

Optimize the design of an innovative hydro foil for the racing yacht industry

Coriolis Composites, Queven, France – Jan 2017 to Jun 2017

Patented an innovative reinforcement design to prevent crack propagation in carbon fiber reinforced structures

R&D Technician intern

The University of Sheffield, UK – Mar 2015 to Jun 2016

Assist research on new fiber reinforced materials

EDUCATION

Self-Taught Web Developer - Udemy, books and other online resources

- W3 Schools (HTML, CSS, JavaScript)
- Django for beginners
- Django for professional
- Django for APIs
- The Complete Python/PostgreSQL course 2.0
- NodeJS – The complete Guide
- Vue, The complete guide
- Nuxt.js - Vue.js on Steroids
- Docker & Kubernetes: The practical guide
- Git & Github – The practical Guide

Master of Science in Mechanical Engineering (Diplôme d'ingénieur)

University of Technology of Compiègne, France

Graduated in July 2018 – GPA: 3.78/4

Degree in Material Science (Diplôme Universitaire de Technologie)

University institute of Technology of Saint-Brieuc, France

Graduated in July 2015 – Rank: 5/55