

Julien Ferrier

Full-Stack Developer

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Versatile and tech-savvy IT professional with comprehensive experience in designing and developing full-stack applications across multiple platforms using modern industry-adopted languages and frameworks. Demonstrated expertise in conducting website analysis and design, programming, testing, debugging, and documentation for assigned projects. Instrumental in recommending improvement or demonstrates significant contributions to the success of projects by applying technical expertise. Well-versed in collaborating with development and research teams to design, develop, and integrate front-end web application code using approved tools and practices. Prudent in contributing to and follow best practices for high-quality software development, defect management, and Test-Driven Development practices.

Technical Proficiencies

Programming Languages:	NodeJS HTML CSS TypeScript Java Angular React Native Ionic MongoDB MySQL WLangage
Software/Design:	Android Studio Xcode Git Sketch Figma Photoshop Shopify Wordpress
Familiar:	C C++ C# Kotlin CakePHP Framework Laravel Framework
Competencies:	Full-stack & Web Development User Interface Architecture Database Management Software Development Inspecting & Testing Application Risk Assessment Web Services Front-end Design Project Management Customer Services Management Automation & Performance testing Team Development & Leadership UI/UX Designer

Education

Foreign Exchange Program (Present)

California State University of San Marcos, San Marcos, US

Master's Degree of Computer Science (Present)

Epitech Toulouse, France

Associate's Degree of Computer Science (2018)

College Paul Sabatier Carcassonne, France

Career Experience

Welcome to the Party, San Diego, CA

2020 – Present

Mobile Developer & UI/UX Designer Freelance

Create and design fully mobile application mockups by utilizing Figma (61 screens) as well as contribute to the development of a mobile app cross-platform.

- Developed an effective mobile application cross-platform by utilizing React Native and Mongo DB platforms to associate and support the event's organizers and participants, including messaging system, geolocation services, admin panel with statistics, and managing event settings.

Viaxoft, Marseille, France

2020 – 2020

Mobile Developer Intern & UI/UX Designer

Gathered and saved data in MongoDB databases along with linked by NodeJS to the front-end.

- Devised and deployed loyalty programs for the travel agencies by creating internal mobile application cross-platform in Ionic and angular frameworks while leading and efficiently managing the project.
- Inspected and deployed mobile applications on Xcode software along with designed mockups in Figma platform (43 Screens).

Limitrend, San Diego, CA

2019 – Present

Project Leader & Web Developer Full-Stack

Delivered a project log document and updated the project tasks while utilizing the express JS framework to support communication between end-points. Conducted API requests test in Swagger and unit-test CI/CD for the validation of the services. Led and efficiently managed a team of eight co-workers as a Group/Scrum Master to develop a website, created a native mobile application, and one cross-platform in the React Native conducted by the MYSQL platform.

Implemented design and realization of the user interface while deploying the password generator on Ataraxie's intranet.

- Created a secured password and forms generator as per the user's criteria developed in the PHP (CakePHP) and JavaScript by designing an algorithm.

Carried out unit tests and deployed Jenkins to reliably develop and test software as well as organized the technical end-user documentation and executed it to the diverse teams.

- Identified and resolved bugs from client's CRM by conducting automation tests and utilizing Selenium under Fluentlenium.

Key Projects

Delivered various back-end services by utilizing Golang, Python, and NojeJS.

- Designed and created a dashboard utilizing various services by developing front-end in React as well as automatically deployed services with the Travis CI and using Google App Engine.
- Introduced a micro-service architecture with 10 independent services and 12-factor applications in a GCP environment.

Created online quiz based on student's level and lessons by utilizing forum and instant messaging platforms.

- Improved the TOEIC scores of students by introducing a mutual learning platform while utilized it as a dashboard for teachers.
- Successfully enrolled more than 400+ students by effectively promoting the Epiteach objectives.
- Increased the web security by evaluating and identifying risks associated with the use of services.

Developed the application in Ionic and angular framework propelled by NodeJS and MySQL.

- Enabled users to easily design and customize mobile application cross-platform by web browser by delivering an App builder.
- Launched the applications through necessary Ionic commands and movement of APK to the directory folder

Created a mobile application by utilizing WLangage and Winddev Mobile software to efficiently manage the bank customers and employers. Developed and utilized data with the MYSQL, Windev databases, and C# web services.

- Established a visitor authentication system and transactions management while the application efficiently managing the customer statistics, simulation of bank loans, expenses, and overdraft management.

Affiliations

Pedagogical Courses of Databases – Epitech

Ambassador and Promoter – Epitech

Member – Student Office at Epitech

Languages

French – Native

English – Fluent