

# Clément PERRIER

Full-stack developer with a front-end focus, specializing in React and Angular.

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## Languages

French Mother tongue

English Fluent

Spanish B1

## Programming languages

### Front-end

- Typescript - Javascript
- HTML - CSS

### Back-end

- Java
- Python
- SQL
- SOQL - APEX (Salesforce)

## Frameworks / Platforms

### Front-end

- React - React native
- Angular

### Back-end

- NodeJS
- Springboot
- Hibernate
- Django

### RDB

- PostgreSQL
- MySQL

### Mobile

- Expo
- Ionic

## Development Tools & Methodologies

### Software Development

- RESTful API Development
- Git
- Salesforce Integration

### Cloud/DevOps

- Amazon AWS
- Docker

### Methodologies

- Scrum
- UML

## Work Experience

### Solutions Architect

From July 2022 to April 2024 Sightcall San Francisco, US

Custom software solutions as part of Professional Services:

- Collaborated with international clients (Canada, Australia, Singapore) to gather requirements and deliver product specifications to the technical team in France.
- Managed client expectations, provided updates, and led live demos.
- Developed a mobile app for Electrical Safety Authority (Canada) to allow remote inspections of electrical installations (**REST API integration, OAuth2**).
- Built a mobile app for Sciex (Singapore) to streamline the return process of damaged lab equipment (**Oracle, Salesforce integration, APEX, SOQL**).
- Created a user-friendly mobile app for Sciex (Australia) used by sales teams for market intelligence, integrated with Salesforce.

### Full-stack developer

From May 2019 to April 2022 Phoenix ISI Paris, France

Road traffic forecasting and monitoring web application :

- Gathered requirements, designed UX mockups (**Adobe XD**), and defined functional specifications.
- Processed sensor data, calculated traffic indicators, and exposed it through a REST API (**Java/Spring**, later migrated to **Python/Django**).
- Developed a real-time traffic monitoring web app (**Angular, TypeScript, Mapbox**).

### Software Engineer

From May 2018 to April 2019 Lao Phoenix Consulting Vientiane, Laos

Weather forecast solution for the Lao government:

- Designed the system architecture and database for a weather forecast application (**PostgreSQL, AWS**).
- Developed the backend to expose forecast data via REST API (**Node.js, Sequelize**) and published a mobile app (**Angular**).

### Web developer

From September 2014 to September 2017 Atlantis Multimédia Marseille, France

Web content creation:

- Created websites, blogs, and newsletters (**HTML, CSS**).
- Developed a mobile news app (**AngularJS, Ionic, JavaScript**).

## Education

### Engineering degree in Computer Science and Network

From September 2014 to September 2017 Ecole des Mines d'Alès Alès  
Apprenticeship focus on software development.

### Technical Diploma in System and Network Administration

From September 2012 to July 2014 Lycée Marie Curie Marseille

## Personal Project - Mobile App for Language Conjugation Practice

Designed and developed a mobile app to help users learn and practice foreign language conjugations using a spaced repetition algorithm for optimized retention.

### Key Features:

- **User Authentication** (registration, login, password recovery)
- **Customizable Practice** with item selection and Q&A sessions
- **Progress Tracking** to monitor improvement
- **Push Notifications** for spaced repetition reminders

### Tech stack:

- **Front-end:** Built with **React Native** and **Expo** for cross-platform support ([GitHub Repository](#))
- **Back-end:** **Spring Boot** API with **MySQL** database, deployed on **AWS** ([GitHub Repository](#))