

Francel Cabrel Pehuie Prowo

Fullstack React / Python Developer

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PROFILE

Fullstack Developer with 4 years of experience, specializing in JavaScript, React.js, TypeScript, and Python (Django). I design modern, high-performance, and responsive interfaces, adhering to best development practices. I have practical experience with API development and consumption, testing with Jest, and active participation in Agile SCRUM ceremonies. A permanent resident based in Montreal, bilingual (French/English), immediately available and motivated to contribute to ambitious projects.

SKILLS

- Frontend Technologies: Proficiency in JavaScript, React.js, Typescript, Redux, Tailwindcss and RESTful APIs and data integration
- Backend Technologies: Expertise in Python (Django), including RESTful API development
- Databases: Experience with PostgreSQL and MySQL.
- Version Control: Proficient in Git, GitHub, and BitBucket.
- Work Methodologies: Familiar with Scrum.
- Personal Qualities: Independent, self-sufficient, and organized, with strong problem-solving skills, attention to detail, communication, and teamwork.
- Bilingualism: French/English.

PROFESSIONAL EXPERIENCE

VITTECK | Yaounde, Cameroon/Dubai

Frontend Developer

April 2023 – April 2025

- 🚩 Main Project: Ouispeak Dashboard – Web platform connecting teachers/learners
 - Developed key application interfaces (login, language management, user management, user history) with React.js, Typescript, and Material UI.
 - Created reusable components to improve code maintainability.
 - Integrated REST APIs via Axios for user and language data management.
 - Optimized user experience for mobile devices with careful responsive design.
 - Participated in application deployment by containerizing with Docker.
 - Implemented unit tests with Jest to secure critical functionalities.
 - Database: PostgreSQL.
 - Project developed using the SCRUM method, within a team of 8 developers.
- 🚩 WordPress Websites: jobiteck.com, 237coach.com
 - Web Developer.
 - Theme and plugin selection, custom content integration.
 - Creation and management of MySQL databases.
 - Design customization via HTML/CSS and PHP code adjustments.
 - Website hosting and deployment.

Fullstack Developer

Feb 2021 - March 2022

🚦 Main Project: Swensonspace – E-commerce Application

- Designed the PostgreSQL database and authentication APIs with Django REST Framework.
- Developed the user interface with React.js, including cart, product page, and account management.
- Integrated REST APIs into React components using Axios for backend communication.
- Fixed UX issues and improved cross-browser compatibility with Tailwind CSS.
- Wrote unit tests with Jest for critical functionalities.
- Stack: React, Tailwind CSS, HTML, Python (Django), MySQL, Jest, Git.
- Project conducted in SCRUM within a team of 4 people.

Personal Projects

Full Stack Developer

2020 – Present

🚦 Objective: Strengthen my Full Stack skills through comprehensive projects

1. E-commerce Platform inspired by Nike.com

- Developed the platform with React.js for the frontend and Django REST API for the backend.
- Designed the responsive user interface with Tailwind CSS.
- Full integration of REST APIs for product, user, and payment management.
- Project hosted on Render, versioned via GitHub.
- Stack: React, Django, PostgreSQL, Tailwind CSS.

2. LMS with Facial Recognition

- Created a user interface in React.js, integrating facial recognition login.
- Integrated APIs for course and user management.
- Used SQLite and Node.js for the backend.
- Tailwind CSS for responsive design.

EDUCATION

Bachelor's Degree in Computer Science and Networks

2016 – 2019

University of Dschang | Cameroon

Equivalent to a Canadian university bachelor's degree. Courses included Programming, Algorithms, Databases, Software Engineering.

Certificate in Python for Everybody | University of Michigan - Coursera

2023