

MABIALA EMILE PAVIE OLIVIER

Toronto | Canada | French-English

[in LinkedIn](#) | [+1 438 831 03 21](#) | [paviemabiala@gmail.com](#) | [emilecode.com](#) | [GitHub](#)

Skills

- Next.js | TailwindCss | Dart | Go | Flutter | Ruby | C# | Java | JavaScript | TypeScript | Rails | MySQL | React | Vue.js | Redis | NoSQL | Git
- Appwrite | Firebase | MongoDB | CI/CD | Jest | Testify | Unit Testing | TDD | OOP | Websocket | Unity 3D | Css | HTML5
- Desktop software | Frontend | Backend | Full-Stack – *All professional proficiency or above*

Recent open-sourced projects

Projects	Description		
Alkamy Banking	Connect, manage multiple bank accounts and transfer funds between them.	Demo	Github link
Em Drive	An online file storage that supports uploading and downloading of data.	Demo	Github link
Confee	A video conference app similar to Teams and Google Meet.	Demo	Github link

Note: For more details, explanations, and the latest updates on my projects, please visit [emilecode.com](#)

Work Experience

FullStack Software Developer Consultant: TechVerito

11/2021 - Current

- Engaged in diverse client projects utilising technologies such as **Flutter**, **Go**, **ReactJS**, **VueJS**, **Ruby on Rails**, **Docker**, **AWS**, and **Redis**.
- Developed internal tools including our Employee Management System (EMS) using **Java Spring Boot**, **React**, and **Amazon S3 buckets**.
- Practiced **JavaScript** and **TypeScript** extensively for frontend development and **Backend Development** using Java Spring Boot.
- Applied **Agile Methodology** for project management, ensuring efficient collaboration and timely delivery.
- Implemented **Code Reviews** and adhered to **Code Standards** to maintain high-quality codebases.
- Advocated for **Web Accessibility** standards in all web applications developed.
- Embraced **Test-Driven Development (TDD)** and **End-To-End Testing** to ensure robustness and reliability of applications.
- Utilized Git for Version Control Systems to manage and track code changes throughout the **SDLC (Software Development Lifecycle)**.
- Conducted **Unit Testing** to validate functionalities and maintain code integrity.

*Key internal Project: TechVerito Official Website ([here](#))

- Accountable for leading a team of 5 developers and 1 designer in creating and deploying the Techverito official website, leveraging **Docker**, **NextJS**, and **TailwindCss**(ensuring responsive UI with a smooth user interface) emphasizing collaborative efforts and ensuring project success.
- Collaborated on the development update of the Career portal service in **Ruby on Rails**, which included creating an API to facilitate seamless interaction between the website and the job openings database, enabling efficient candidate application processing (**microservice**).

FullStack Software Developer: Vinyl Equity (as a TechVerito consultant)

11/2023 - Current

- Worked mainly with **Express.js**, **AWS**, **NextJS**, **TailwindCss**
- Developed and maintained the official website and Dashboard using **NextJS**, collaborating closely with the team to ensure a seamless user experience and responsive design.
- Contributed to the collective development of the main dashboard for the share issuer admin in NextJS,
- Designed and implemented AWS Lambda functions in **NodeJS** and **TypeScript**, enhancing backend functionality and performance.

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FullStack Software Developer: **SmartTrader** (as a TechVerito consultant)

04 /2022 - 10/2022

- Participating in the design and development of intelligent trading software to generate substantial revenue using **Docker, Go** (Backend) **ReactJs, Redis** and **Python**.
- Designed and implemented APIs and background workers for managing basic **auto trading strategies** (Gap up/down; resistance and option data support, inside candle strategies, bullish and bearish) while observing fluctuation in price using **Goroutines**.
- Enriched system metrics and performance by working closely with our Qa's during their Stress testing of the software.
- Added Open interest graphs, Option list watcher and a strategy builder to the user interface using **ReactJs**
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

FullStack Software Developer: **PolicyAdvisor** (as a TechVerito consultant)

01/2022 - 04/2022

- Participated in the development of Canada's best Life and Health Advisor (policyadvisor.com) helping more than a hundred thousand Canadian get the best possible insurance quote latest technologies of **Docker, VueJs, Redis , Ruby on Rails ,Amazon S3**
- Implemented 3rd parties API (Compulife and winquote) for getting the best possible insurance quotes and compare them using **VueJS** for the frontEnd design and **Ruby on Rails** for fetching analysing and sorting fetched quotes.
- Implemented **Zoho CRM** For User metrics , Journey Orchestration and multichannel marketing
- Helped to **increase the user retention rate by 40%** by redesigning the User journey throughout the multiple questionnaires
- Designed and developped systems facilitating marketers to perform various optimization experiments within the ecosphere using Ruby on Rails, increasing global revenue by 23% in the first quarter.

Backend developer (Remote): **LMT Group**

11/2019 - 02/2021

- Participated in the development of the national MINESEC results checking system in which I had to Implemented backend system in **Go** for receiving payments notifications through **weebhooks** and extracting the payee's phone numbers.
- Connected this system with the national database of the MINESEC to retrieve the candidate's results via Api calls.
- Integrated a 3rd party SMS API system from Orange Cameroon to notify the candidates of their test results (pass/fail).
- Created and Maintained a database record in **MySQL** of the transactions that took place for future reference .

Network Technical Analyst (intern): **Cameroon Telecommunication**

12/2016 - 03/2017

- Managed application patches, data backup, security, changes and network configuration and replaced boards, changed servers and loaded and tested software applications
- Identified means to reduce and control expenses by conducting cost, schedule and contract performance analysis and improving resource Allocation

Education

Masters in Busines Administration

Symbiosis International University

- Major in IT with a specialization in data analysis

Bachelor of Technology -IT

Symbiosis Institute of Technology

- Major in IT (Btech-IT)

Tutoring

- **Flutter Tutoring (At Symbiosis Institute of Technology)**: I taught 17 students how to develop mobile applications using Flutter and implementing basic CRUD operation with a non-relational database (Firebase Firestore)