

# Shaade Souza Samrin

## Software Engineer

📍 France, Paris



[Github](#)



[Linkedin](#)

Experienced and passionate software developer, skilled in building scalable web applications using various programming languages such as Python, PHP, and Typescript. Proficient in UI/UX design, which enables me to create both functional and visually appealing web applications.

## Experiences

**Software Engineer** • Ayomi Financial Services Ltd.

04/2024 – Present

- Developed and designed a web application which let marketing team create mailing campaigns, which uses the services previously developed.
- Developed a mailing tool that allows us to send mailing campaigns using multiple providers (Gmail, SendGrid, etc.) and can scale across many workers/servers.
- Modernized legacy JavaScript/React codebase with TypeScript, implementing i18n support and enhancing project architecture.
- Developed and designed a web application which let users manager their newsletters and privacy settings. Utilizing React, TypeScript, and i18n, incorporating OTP code validation with backend simulation for testing.
- Developed an internal service using FastAPI which serves as an interface between Google Workspace API and our internal apps.
- Took ownership of the Design System, driving changes to enhance accessibility and improve user experience by addressing accessibility gaps.

**Software Developer** • [Actimeo](#)

10/2020 – 04/2024

- Developed an Inventory Management System
  - Developed and designed an intuitive, user-friendly interface using React with TypeScript.
  - Engineered a scalable administrative portal with PHP and Laravel for efficient system operations.
  - Implemented Attribute-Based Access Control (ABAC) to enhance system security and ensure data integrity.
  - Enabled seamless client interactions, including pallet logging, invoice downloads, and new order placements.
- Flood Information Platform
  - Developed a tool for calculating distances between geo points, specifically focusing on rivers in France
  - Supervised the development of the backend infrastructure, including a scheduler for periodic data updates and adaptable behavior based on water level gravity.
- Developed ETL pipeline tools to transform and integrate data
  - Led a project focused on data processing to serve over 1 million users in action-sociale.org
  - Implemented an optimized solution that dramatically reduced processing time from days to just a few seconds.

## Programming Languages

Python, PHP, JavaScript, Typescript, Bash

## Libraries & Frameworks

React, Laravel, FastAPI, Pandas, Polar.rs, NextJS

## Databases

PostgreSQL, MongoDB, Redis

## Tools & Platforms

Git, Docker, Traefik, Vite, Figma, Postman, Heroku, Github Actions, Circle CI, Google Cloud Platform, Vercel

## Languages

- English
- French
- Arabic

## Education

Openclassrooms

Diplôme de niveau 6 (bac +3/4)

## Interests

Music production, Homelabs, Gaming, Aviation