

Pierre Avizou

Fullstack developer



About me

As an experienced fullstack developer, I possess a strong expertise in web development, particularly in the use of TypeScript, ReactJS, NodeJS, and related technologies.

My experiences have allowed me to work in various environments, from small agile teams to large companies, where I have fulfilled a variety of roles, ranging from development to team leadership.

My approach is characterized by a constant desire to deeply understand the technologies I use, and a willingness to share my knowledge with others.

Personal

Pierre Avizou
Nationality: French
Current location: Toulouse, FR

Areas of specialization

Fullstack apps
• Ecommerce • Marketing technology • Automation

Interests

Science / Twitch / Dogs
Human languages / Using unnecessarily complex technologies to create my résumé (L^AT_EX)

SHORT RÉSUMÉ

2024–present

Freelance fullstack developer

BETAGOUV - FRANCE VAE · Paris - Toulouse

Development of the new official French public service for VAE

TypeScript, NextJS, React, GraphQL, Scalingo, PostgreSQL, TailwindCSS, Strapi, Playwright, Vitest, Traefik, OpenAPI



2022–present

Freelance fullstack developer

RENTACAR · Paris

Website overhaul - Internal tools

TypeScript, NextJS, React, Node.js, AWS, PostgreSQL, CSS, Gitlab, Strapi, Cypress, Jest, Nginx, Traefik



2022–present

Freelance fullstack developer

NEXTMAP · Paris

Development of automations and internal tools, for small and large businesses

TypeScript, React, NextJS, Vite.js, TailwindCSS, Node.js, Python, Docker, AWS, Keycloak, Data warehousing, Nginx



05/22–07/22

Freelance fullstack developer

MAESTRO CORPORATION · Toulouse

Development of an online advertising campaign automation solution

Python, NodeJS, Supabase, Flask, REST, GraphQL, PostgreSQL, SQLAlchemy, Celery, RabbitMQ, Directus, Docker, Gitlab, Nginx



TECHNOLOGIES

TypeScript

HTML5

CSS

NodeJS

React

Gitlab

RabbitMQ

AWS

GraphQL

Linux

NextJS

Python

PostgreSQL

Docker

Supabase

Vite.js

Strapi

SQLAlchemy

DEGREES

2016

Master of Creative Technologies

M.B.A · TSM



2014

International business / Marketing

M.A ERASMUS · Edinburgh Uni



2013

Foreign applied languages

B.A. · Toulouse University



HUMAN LANGUAGES

French

C2

mother tongue

English

C2

• • • •

German

B2

• • • •

Italian

B2

• • • •

Spanish

B1

• • • •

Japanese

B1

• • • •

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RECENT EXPERIENCE

2024–
present

Freelance fullstack developer

BETAGOUV - FRANCE VAE · Paris - Toulouse

Building a modern public service:

- Joined the development team building the new French public service for VAE
- Work on both internal and public-facing, fullstack NodeJS/React Applications,
- Maintain high quality and security standards to protect the personal data of French citizens using the service
- Collaborate with an agile team of developpers, designers, QA, CS, security and legal experts
- Iterate fast in a complex and rapidly-evolving environment to deliver new features as they are required

Design of an interoperability API

- Design and implementation of an API to allow third-party government actors to integrate with the service
- Design authorization and authentication flows for the API, token issuing and revocation
- Documentation and testing tool for API users, relying on existing standards (OpenAPI specification, Swagger)
- Implementation of monitoring and observability tools



2022–
present

Freelance fullstack developer

RENTACAR · Paris

Website:

- Advisory on technology selection for website redesign (NextJS, Strapi, TypeScript)
- Development and enhancement of features for the new website
- Creation and implementation of a tagging plan
- Implementation of a data warehousing and visualization solution (Snowflake + Metabase)
- Consideration and minimization of the impact of web analytics solutions on overall site performance

Business Tools:

- Development of utility AWS Lambda functions for data export and reporting
- Development of interface code between various tools to facilitate customer support (Zendesk, Avis Vérifiés, GMB)
- Development of automation with AWS Lambda, SNS, SQS, S3



2022–
present

Freelance fullstack developer

NEXTMAP · Paris

Development of automations and internal tools, for small and large businesses

TypeScript, React, NextJS, Vite.js, TailwindCSS, Node.js, Python, Docker, AWS, Keycloak, Data warehousing, Nginx, Traefik



05/22–
07/22

Freelance fullstack developer

MAESTRO CORPORATION · Toulouse

Development of an online advertising campaign automation solution

- Database design
- Storage of advertising data in the product database
- Slack integration: interactive message with buttons for creating advertising campaigns
- Backend logic for interaction with FB / Google APIs
- Advertising performance tracking: Retrieval of basic metrics
- API route for retrieving advertising costs per product
- API route for retrieving overall advertising costs
- Tracking interface - presentation of basic advertising performance metrics
- Configuration interface: Back office for managing parameters of automatically created campaigns, text templates, ad types, bidding amounts, etc.
- Reporting interface for automatically created campaigns and their performance
- Support for advertising platforms: Facebook Ads - Google Ads - Instagram
- Modular code designed for future support of other platforms (Twitter, Reddit, Youtube, Snapchat...)



2016–
2022

Fullstack developper

MAESTRO CORPORATION · Toulouse 



Fullstack Development




- Development of e-commerce websites: React, React-Router, Redux, Nodejs/Express/Koa, Server-Side Rendering, Component Lazy Loading / Webpack
- Building payment gateways ready for Strong Customer Authentication (SCA) / Apple / Google Pay
- Addition of new features to products according to Product Owner specifications
- Automation of blog content creation

Marketing Tools Development

- Tracking and retargeting (Google Analytics, Facebook Pixel, Twitter...) deeply integrated into products, enhanced ecommerce, cross-domain tracking...
- Nodejs service for data synchronization between marketing stack tools
- Messenger chatbots with natural language recognition

Data

- Deployment and configuration of a data visualization solution
- Contribution to the creation of an internal ETL solution
- Construction of a centralized database enabling the construction and visualization of the company's main KPIs

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