

// miguelaroles.com

Miguel Aroles

SENIOR FULLSTACK & UX/UI DEVELOPER · GENEVA

- miguelaroles.com
- arolesmiguel@gmail.com
- +41 76 456 96 64

- Geneva, Switzerland · C Permit
- github.com/miguelaroles
- linkedin.com/in/miguelaroles

SKILLS

FRONTEND

React / Next.js Angular
TypeScript HTML5 CSS3
GraphQL SVG PWA Webpack

BACKEND

Node.js Python Django / FastAPI
PHP Laravel Symfony
REST / WebSocket

DATABASE & MESSAGING

MySQL PostgreSQL MongoDB
Firebase Redis RabbitMQ

DEVOPS & CLOUD

AWS Azure Docker Kubernetes
Terraform GitHub Actions
Azure DevOps Jenkins

TESTING & MONITORING

Vitest Playwright Jest
Grafana Sentry

CMS & DESIGN

Drupal TYPO3 WordPress
Adobe XD Photoshop A11y

MOBILE

React Native Ionic

EDUCATION

Certifications

- Mobile Developer & Python
 - Prince2 / Agile
- Nomades Genève
2021 – 2022

PROFILE

Senior Fullstack Web Developer with **12+ years** building high-stakes digital products across Geneva and Paris. Core expertise in **React/Next.js, Angular, Node.js, Python, and Django**, with a strong UX/UI sensibility from wireframe to production. Notable projects include a mission-critical trading reporting platform for **TotalEnergies**, a live-event AI analytics POC for the **European Broadcasting Union**, a CRM modernisation for **Airbus & FIFA**, and key institutional sites for the **Musée du quai Branly** and **Centre Pompidou**. Equally at ease leading small teams and integrating into cross-functional Dev/Ops/QA environments. **C Permit holder**, fluent across both the French-speaking Swiss market and international teams.

EXPERIENCE

● Enova Consulting → TOTSA (TotalEnergies Trading SA)

Jul 2023 – May 2025

Fullstack Developer — via Enova Consulting

Geneva, CH · Energy Trading / Finance

- › Built a business-critical interactive trading reporting application for TotalEnergies' global oil & refined products operations, supporting strategic decision-making at scale
- › Full-stack development: React/TypeScript (front-end) + Django/FastAPI Python (back-end); real-time data via WebSocket, performance optimisation with Redis (cache & queue)
- › Implemented secure authentication (AWS Cognito, OAuth2, Kerberos) and deployed on AWS & Azure using Docker, Kubernetes, and Terraform
- › Automated CI/CD pipelines with GitHub Actions and Azure DevOps; quality & security monitoring via Checkmarx, Sentry, and Grafana
- › Automated testing with Vitest (unit) and Playwright (E2E); Agile Scrum/Lean collaboration across Dev, DevOps, QA, and security teams

○ Eukleia

Nov 2020 – Jun 2023

Lead Front-end Developer & UX/UI Designer

Geneva, CH · Rolex consultants — ERP no-code/low-code

- › Led UI/UX design and front-end architecture for a custom ERP prototype; coordinated junior developers via Azure project management tools
- › Designed wireframes and interactive prototypes in Adobe XD; built production UI in React/GraphQL (Java back-end)
- › Developed the product's marketing website with Next.js; maintained legacy Angular internal tools

Web Developer & Applications

AFPA Paris

2013

MSc Biomolecular Sciences

Univ. Pierre et Marie Curie, Paris

2009 – 2012

LANGUAGES

French Native

English C1 – C2

German A1

INTERESTS

Electronic Music

Drawing

Reading

Fitness

b-sharpe

Jan 2020 – Sep 2020

Front-end UX/UI Developer

Geneva, CH · Fintech — Online currency exchange

- › Sole front-end hire: modernised the client dashboard (salary transfers, FX products) with React/TypeScript and Material Design; introduced Agile/Scrum to the team
- › Integrated Onfido identity verification and built real-time exchange-rate notification features
- › Validated cross-browser/platform compatibility via BrowserStack; implemented Google Tag Manager for product analytics

European Broadcasting Union

Nov 2018 – Dec 2019

Front-end Developer (Sports Dept.)

Geneva, CH · International Media

- › Designed and built a real-time sports data POC (football, Olympics) — processing live event streams, rendering intelligent dashboards, and feeding data to an AI commentary generator
- › React.js UI + Node.js back-end; real-time communication via WebSocket, RabbitMQ, Redis, and Socket.IO
- › Presented the proof-of-concept directly to EBU leadership

Cobweb

Oct 2017 – Aug 2018

Software Developer

Geneva, CH · Web agency

- › Delivered full project lifecycle — from client requirements and scoping to development and handover
- › Key projects: CHUV hospital website, Festival Antigél, Sessa Immobilier, four bespoke Angular applications

Rimlink (Perfluence)

Apr 2015 – Oct 2017

JavaScript Developer

Paris, FR · CRM startup

- › Modernised a CRM platform used by Airbus and FIFA from IE-only to fully cross-browser and responsive using ReactJS
- › Implemented real-time animated SVG data visualisations

Mamasam · E-veilleur · Jusderaisin

2014 – 2015

Drupal Developer · PHP Developer · Web Integrator

Paris, FR

- › Mamasam: Drupal development for high-profile institutional clients — Musée du quai Branly, Centre Pompidou, and Val-de-Marne departmental government
- › E-veilleur: Drupal CMS + Symfony posthumous messaging platform for an online editorial journal
- › Jusderaisin: Photoshop-to-HTML/CSS integration for e-commerce sites built on Symfony