Pierre Payet

FULLSTACK SOFTWARE DEVELOPER - TYPESCRIPT / NODE.JS

4+ years of experience

Lyon, France — Fully remote available
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Portfolio: **https://pierrepayet.dev**

Product-oriented fullstack developer with over 4 years of experience, in startup, public service, media and small business contexts. Specialized in TypeScript and Node.js, I work on web applications and APIs used at scale, from design to production maintenance. Autonomous and proactive, with a strong focus on product impact, code quality, best practices, testing, and close collaboration with product and business teams.

PROFESSIONAL EXPERIENCES

Full-Stack Software Engineer — Permanent Contract

Inicio — *Lyon, France (full remote) — January 2025 to December 2025*

Startup developing an algorithm to identify high-potential sites for photovoltaic projects through large-scale territorial analysis, and building a SaaS platform used by solar developers across Europe.

 - End-to-end feature implementation: development of frontend and backend.
 - Participation in the design and writing of technical and architectural documents.
 - Code review and technical documentation.
 - Technical debt management.
 - Application maintenance and bug resolution.
 - Technical KPIs tracking and improvement: performance, security, stability, scalability and Developer Experience (DevX).
 - Implementation of metrics and alerts via AWS CloudWatch and incident analysis to improve system reliability.
 - Participation in agile rituals and architecture discussions.
 - Organisation of a weekly reading club around Software Craftsmanship (TDD, Clean Code) to foster the sharing of best practices within the team.
 - Use of AI-assisted development tools, while maintaining full mastery and control of the produced code.

Technologies and methods: TypeScript , Node.js , NestJS , React , Jest , TypeORM , Docker , AWS , Cursor , Hexagonal Architecture , monorepo , Agile method

Web Developer — Freelance

Métropole de Lyon — *Lyon, France (hybrid remote) — March 2023 to January 2025*

Digital platform (ENT laclasse.com) used by public schools across the metropolitan area.

- Development and improvement of features on an existing product.
- Creation of a feature catalog application for educational institutions.
- Evolutionary and corrective maintenance.
- Close collaboration with product and business teams.

Technologies and methods: TypeScript , Web Components , SQL , PHP , Docker , Agile method

Web Back-End Developer — Apprentice / Fixed-term Contract

Euronews — *Lyon, France (hybrid remote) — September 2021 to December 2022*

Apprenticeship followed by a fixed-term contract within the Software Design and Development team.

- Development and improvement of features on internal tools and platforms.
- Development of backend APIs in Node.js (Express).
- Participation in the migration of the infrastructure to AWS.
- Writing Python scripts for the migration of large data volumes (≈ 20 To).

Technologies and methods: Node.js , TypeScript , Express.js , Angular , Jest , Sequelize , AWS , OpenSearch , SQL , Python , Agile method

Software Designer & Developer — Apprentice

Synergies-Tech — *Saint-Priest, France (hybrid remote) — September 2020 to August 2021*

- Development and improvement of a business mobile application with ERP API integration.
- Specific development on open source ERP (Dolibarr).
- System and network administration.

Technologies and methods: Vue.js , Sequelize , PHP , Hyper-V , Dolibarr

EDUCATION

Master of Science (MSc) in Technological Innovation (Bachelor +5)

Epitech
Lyon, France — 2020 to 2022

Bachelor's Degree in Computer Science (Bachelor +3)

Claude Bernard University Lyon 1
Lyon, France — 2019 to 2020

DUT in Networks & Telecommunications (Bachelor +2)

Savoie Mont Blanc University
Annecy-le-Vieux, France — 2016 to 2018

TECHNICAL SKILLS

Languages
- TypeScript, JavaScript
- SQL
- Python

Backend
- Node.js, NestJS, Express.js
- Design and implementation of REST APIs
- PostgreSQL, MySQL, TypeORM

Frontend
- React, Next.js
- Vue.js, Nuxt.js
- Angular
- HTML5, CSS3, Tailwind CSS

Quality and Testing
- Unit tests (Jest), integration tests and E2E tests
- Clean Code (SOLID, KISS, DRY), Hexagonal / Clean Architecture
- Code review, pair programming
- Technical documentation

DevOps and Tools
- Docker
- AWS (CloudWatch, S3, EC2, SES)
- Git (GitHub, GitLab), Monorepo
- CI/CD basics
- Linux environments
- Visual Studio Code, Cursor

Methods
- Agile, Scrum (sprint planning, daily stand-ups, retrospectives)
- Cross-team collaboration (Product, Design, QA)
- Remote-first environments

LANGUAGES

French : native language
English : professional level (written and oral)