Simon PIERRE

Back-End Developer Node.js / NestJS · Full Stack & Data · 3 years of experience

+33 7 82 52 33 82 · simonpierre643@gmail.com · linkedin.com/in/simon-pierre · github.com/Docky44 · Nantes, France · Driving licence · Available now – permanent role

PROFILE

Back-end Node.js / NestJS developer with 3 years of professional experience at an ERP software vendor (work-study), holding a Master's degree in IT and Information Systems (RNCP level 7, EPSI Nantes). One of the three main contributors to the ERP data migration tool (1,000+ commits, ~200 tickets), then built two internal applications on my own: REST / GraphQL APIs, data pipelines, integration of about ten business APIs. Daily use of AI tools (Claude Code, Claude API). Looking for a permanent back-end or full stack role.

EXPERIENCE

07.2023 – 09.2026

Full Stack Developer – 3 years (work-study contract)

Altior, ERP software vendor for manufacturers · Nantes · 2 weeks at work / 1 week at school

Altior Tools – ERP administration and data migration

- One of the 3 main contributors over 3 years – **1,000+ commits, ~200 tickets shipped**: NestJS / TypeScript GraphQL API, React front end, PostgreSQL, 100+ business modules.
- From validation rules and data imports to complete features, from API schema to screen, and production fixes.
- Automated customer data migration (ETL: validation, correction, bulk import) – **50% less time spent**.
- Automated provisioning of customer platforms through 8 orchestrated tasks – **about 2 min instead of an hour**.

Jira Analysis – product steering and data analysis **(two-developer tool, features delivered on my own)**

- Aggregation of 6 sources (Jira, Tempo, Confluence, Zendesk, PayFit, Pennylane) into a synced Prisma / PostgreSQL database.
- Spending dashboard (Pennylane invoices by analytical category), bulk company enrichment (SIREN / VAT), customer impact analysis for Zendesk.

Sales Service – HubSpot sales steering **(designed and built on my own)**

- Sales forecast with no Excel exports, fed by daily HubSpot snapshots (NestJS cron, S3): weighted deals, deals closing this month, scenario simulation.

Internal Hub – 360° customer view **(designed and built on my own)**

- Unified customer page aggregating 8 sources (HubSpot, Hyperline, Zendesk, Drive, Jira, Pappers, ERP API, S3); 20 drag & drop widgets; Auth0 / JWT.

2022 · 2023

Web Developer – Internships (2 × 2 months)

GoodFloow · La Tête dans la Toile · Nantes

Development and customization of WordPress themes (PHP, HTML, CSS), front-end interface improvements.

PROJECTS

InvestTrack – investment tracking with an AI advisor

Portfolio tracking and personalized recommendations through the Claude API. NestJS · Anthropic SDK · React · PostgreSQL

CarsDex – AI vehicle recognition

Mobile app, a "Pokédex for cars": plate reading (YOLOv8 + OCR, Python microservice), geotagged collection, XP based on rarity. NestJS · Prisma · React Native · FastAPI · Turborepo

B2B SaaS – in progress

NestJS / Next.js monorepo: real-time (Socket.IO, Redis), S3 storage, PDF generation, CI/CD with E2E tests and security scans, Sentry, Prometheus / Grafana monitoring.

SKILLS

Back end: Node.js, NestJS, TypeScript, REST APIs, GraphQL, Microservices, WebSocket (Socket.IO), Swagger, Zod, Python, FastAPI

Data: PostgreSQL, SQL, Prisma, TypeORM, Redis, ETL, Data pipelines, Data migration, Caching

AI: Claude API (Anthropic SDK), Structured outputs, Prompt engineering, Claude Code, ChatGPT, YOLOv8 / OCR

Front end: React, Next.js, React Native, Vite, TanStack Query, React Hook Form, Tailwind CSS, shadcn/ui, MUI

DevOps & Cloud: Git, Docker, CI/CD (GitHub Actions), Nginx, AWS S3, Scaleway, Render, Vercel, Neon

Monitoring & security: Prometheus, Grafana, Sentry · JWT, OAuth2, Auth0, Helmet, Rate limiting, Semgrep, Trivy

Testing & methods: Jest, Vitest, Playwright, Supertest, E2E tests, Monorepo (Turborepo, pnpm), Agile / Scrum, Jira

EDUCATION

2024 – 2026 **Master's degree, IT and Information Systems Expert – RNCP level 7** · EPSI Nantes · work-study

LANGUAGES · INTERESTS

French native · **English** intermediate (B1) — Autonomy · Rigor · Analytical mind · Organization

Sport (running, weight training) · Personal dev projects · Travel · Video games · Music · TV series