Matthieu Tran

Full Stack Engineer

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🔗 Portfolio Website

Summary

Full Stack Software Engineer specializing in **TypeScript & Python**, with a strong focus on software quality (TDD, Hexagonal Architecture). Experienced in international Agile environments (Dior, Emeria).

Available February 2026.

Profiles

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Skills

Programming languages

TypeScript, Python, Java, Go, C, HTML5, CSS3, PHP, JavaScript

Frameworks and Libraries

NestJS, Node.js, React.js, GraphQL, Prisma ORM, REST, Cypress

Databases and Cloud

Docker, Linux, Git, Datadog, MySQL, PostgreSQL, EC2

Methodologies and Quality

Scrum, Framework LeSS, TDD, GitLab CI/CD

Tools & Environment

JIRA, Confluence, Postman, Wireshark

Interests

Travel

6-Month Solo Travel - Asia/Australia (August 2025 - January 2026)

Sports

Rock Climbing, Running, Hiking

Volunteering

Scouts et Guides de France

Scout Unit Leader

September 2020 - Today

FFSS

Certified First Responder

January 2022 - Today

Languages

French	English
Native	C2

Mandarin	Spanish
Beginner	B1/B2

Experience

Christian Dior Couture — January 2025 - July 2025

Project Assistant, Information Systems (EMEA). — Paris

- **Technical Coordination**: Liaison between business teams (Finance/HR) and developers; translating needs into **technical specifications**.
- Architecture & Hybrid Integration: Coordinating data flows between modern digital solutions (SaaS/Cloud) and the **on-premise Core Model**, ensuring interface integrity.
- Quality & Production Release: Diagnosing incidents (Level 2/3) by analyzing logs and payloads; validating **endpoints** with **Postman**. Auditing on-premise/cloud flows via SQL queries. Leading deployments and technical testing phases (**UAT**) in **Jira**.

Emeria Technologies — July 2023 - January 2024

Full Stack Engineer — Paris

- Product & Development: Contributed to the development of Millenium (SaaS rental management) by designing and implementing business features and fixing bugs across the entire technical stack.
- Technical Stack **(Fullstack TypeScript):** Backend development with **NestJS** and frontend with **React**.
- Data Architecture: Interfaced the central **MySQL** database with PostgreSQL microservices. Implemented the Prisma ORM and a **GraphQL** API to optimize access and fluidity of real-estate data.
- Quality & Architecture: Actively involved in application architecture (**Hexagonal principles**) and implementing **TDD** for targeted developments. Conducted regular code reviews and shared best practices within the team.
- Automated Testing: Designed **unit tests** with Jest (upstream of development) and **end-to-end (E2E)** tests with Cypress to secure critical **user journeys.**

Valeo — April 2022 - July 2022

Assistant IT Project Manager — Paris

- Deployment of solutions within the **Google Cloud environment** and creation of custom tools using Google AppSheet and Apps Script to improve operational efficiency.

Education

University of Technology of Troyes — 2022 - 2025

Computer Science & Information Systems — Engineer

- Technical Expertise: Software Design, IT Infrastructure, Cybersecurity, and Advanced Web Technologies.
- Cross-functional Skills: Acquired strategic vision through the study of Business Law and Knowledge Engineering.
- Academic Exchange **(National Taiwan University):** Developed and tested low-level network protocols (**TCP/UDP**) in **Go (**Golang**)** with packet analysis via **Wireshark**. Explored **AI techniques** and studied Mandarin Chinese.

Technical Institute of Orsay — 2020 - 2022

Computer Science — Associate Degree

- Solid foundation in Object-Oriented Programming (**OOP**), embedded systems, databases, networking (TCP/UDP), **cryptography**, advanced algorithms, and web development.