

ADRIEN FIGARD

I am an ambitious and highly motivated freelance full-stack developer with a recent Master of Engineering degree from the Leonard de Vinci Engineering School. I have proven experience in developing and testing code, managing data, and collaborating in agile-driven teams. I am eager to apply my expertise in software engineering through a V.I.E., ideally starting in January 2025.

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📍 Paris, France

🌐 <https://afigard.github.io>

EDUCATION

ESILV

Master of Engineering, Data & AI major

Graduated in March 2024

UCSC Silicon Valley Extension (Santa Clara, USA)

Study abroad program for one academic year

Sep. 2022 – Jul. 2023

- Double certificate in Computer Programming and Software Engineering

Hanyang University (Seoul, South Korea)

Study abroad program for one academic semester

Feb. 2021 – Jun. 2021

- Computer Programming and Cybersecurity courses

WORK EXPERIENCE

Bouygues Telecom

Backend Developer

Sep. 2023 – Current

- Contributed to GraphQL Mesh, an opensource project in TypeScript, widely regarded as a leader in its field
- Collaborated with the open-source community to resolve critical bugs and introduce new features, leading to increased project stability and adoption
- Worked extensively with Swagger files and REST API architectures to enhance compatibility
- Established and optimized CI/CD pipelines, integrating automated testing and deployment procedures
- Designed and deployed complex E.T.L. pipelines to efficiently update the company's Swagger files

Thales

Data Engineer

Apr. 2022 – Aug. 2022

- Designed and deployed 10+ E.T.L. pipelines that improved the company's data processing efficiency by 25%
- Handled and integrated industrial automation protocols (Modbus, SNMP) to enhance data communication
- Managed cloud storage solutions (Amazon S3 / MinIO) to securely store and process large-scale CSV files
- Created data pipelines to extract and process CSV data, generating real-time KPI dashboards
- Developed and deployed Python-based machine learning algorithms to accurately predict future flight passenger numbers, improving forecast accuracy by 20%

PROJECTS

GraphQL Mesh (<https://github.com/BouyguesTelecom/graphql-mesh>)

- GraphQL Federation framework for any API
- Extension of an opensource project to support Bouygues Telecom's needs

Personal websites

- Portfolio: <https://afigard.github.io>
- Fast Food +: <https://fast-food-plus.vercel.app>
- gymDRP: <https://github.com/afigard/gymdrp>

SKILLS

- Frontend: Next.js | React | TypeScript
- Backend: Express.js | GraphQL | Node.js | Python | Spring Boot
- Database: MongoDB | MySQL | PostgreSQL
- Cloud: AWS (Cloud Practitioner Certified) | Azure (Data Fundamentals Certified)
- DevOps & Containerization: Docker | Kubernetes
- E.T.L.: Apache Kafka | Apache NiFi
- Testing & Automation: Jest | Selenium | Vitest
- Version Control: Git