



# VIRGILE BARBERA

Versatile Professional in **Software Development**, **Project Management**, and **Data Engineering**

## PROFESSIONAL EXPERIENCE

### VDI Assistant – Paris Air Show (SIAE) – Fixed-term contract

March 2025 – June 2025

- Developed an internal building supervision application (Node.js backend), with API exposure for the front-end interface.
- Designed and deployed a real-time monitoring platform for the electrical infrastructure of critical zones and Wi-Fi terminals at the event.
- Acted as the technical liaison between internal teams and the external service provider managing hardware and application access.
- Coordinated and monitored technical installations (Wi-Fi access points, geolocation devices, VLANs, fiber optics, cameras, etc.) carried out by various contractors.

### Developer & Project Manager, OptiXt (Full-time)

August 2022 – MAY 2023

- Developed software for automated HR file processing and report generation (including FTP retrieval, data encryption management, etc.)
- Led Angular development to fully redesign the SaaS application
- Authored operational documentation
- Handled Level 3 support requests and maintained the legacy solution
- Conducted experiments with various technologies to improve the quality and reliability of internal tools

### Developer & Project Manager, OptiXt (Fixed-term Contract)

August 2021 – July 2022

- Developed software for automated EDI file processing and report generation
- Created tools for bulk email sending and processing
- Authored operational documentation
- Developed various PowerShell scripts (for backups, archiving, email management, etc.)

### Developer, OptiXt (Apprenticeship)

September 2020 – August 2021

- Refactored and optimized the Winflotte software, implementing bug fixes and feature enhancements
- Resolved tickets related to software and database issues

### Support Technician (Levels 0, 1, and 2), OptiXt (Apprenticeship)

September 2018 – September 2020

- Resolved support tickets requiring varying levels of expertise
- Conducted reverse engineering on company software code
- Gained proficiency in the Citrix production environment
- Performed workstation and server administration tasks

## IT SKILL

- Software: MS Office, SSMS, Visual Studio / VSCode, Git, Sublime...
- Languages : C#, TypeScript / Angular / NextJS, PowerShell, basic Python, Windev, SQL and database management (SSMS, MySQL, HFSQL), RegEx
- Networking : IP addressing, VLAN creation, OVH monitoring...

## CONTACT DETAILS



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Virgile Barbera



vbarbera.com

## ABOUT ME



05/03/2001



PERMIS B



French native, English C1

## INTERESTS :

- Computer Science
- Automotive
- New Technologies
- Sports

## QUALITIES :

- Efficiency
- Adaptability
- Proactiveness
- Friendliness

## EDUCATION

Bachelor's Degree in Digital Solutions Development, IRIS Paris

- September 2020 – August 2021

BTS in IT Services for Organizations, IRIS Paris

- September 2018 – August 2020

(Pro) Baccalaureate in Electronic and Digital Systems, IRIS Paris

- Obtained in 2018