

Fabio Da Silva

•Rochdale

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Professional Summary

Ambitious and fast-learning **Full-Stack Software Engineer** with 3+ years of hands-on experience in **complex production systems**. Skilled in **designing and delivering** scalable, maintainable software across **frontend** and **backend** stacks. Proven ability to **lead, mentor**, and drive **high-impact features** in demanding environments. Recognised for **initiative, autonomy, and technical excellence** — with a track record of earning trust across engineering and leadership teams.

Core Skills

- **Languages & Frameworks:** JavaScript, Perl, Node.js, SQL, React, Python, Java, C#, ASP.net
- **Web Tech:** HTML5, CSS3, Express.js, jQuery, Bootstrap, Remote API access
- **Databases:** MariaDB, PostgreSQL, SQL, TDMS
- **Tools & Practices:** Git, GitHub, SVN, Command Line, Agile, AWS
- **Other:** OOP, C++, AI Integrations, Customer-Facing Engineering, Jira, Agile, Scrum,

Professional Experience

Full-Stack Software Engineer

Traveltek | Jul 2022 – Present

- Led **B2B** and **B2C** development of bespoke client solutions such as report generators, financial processes, travel search engines etc. on a large, high-traffic travel platform.
- Dedicated developer for a key client, working closely with them to **scope and deliver** custom features tailored to their needs.
- **Developed, deployed and maintained** large-scale production-grade products serving **millions** of users, ensuring **stability, reliability** and codebase **longevity** through **clean architecture** and **modern engineering standards**.
- Maintained and extended a complex legacy codebase using **Perl, JavaScript, SQL, Git** and **AWS** in an **Agile** environment.
- Implemented and optimized internal R&D products such as **AI tools, parsers, automation tools** and **AI agent optimization**.

Key Technologies: **Perl, JavaScript, AWS, SQL, TDMS, SVN, Git**

Skilled Soft-Seating Upholsterer

Gresham Office Furniture | May 2021 – Jul 2022

- Trained and supervised new hires in multiple upholstery processes.
- Consistently recognised for speed, precision, and adaptability.

Soft-Seating Upholsterer / General Operative

Southerns Broadstock | Nov 2019 – May 2021

- Supported product development, foam template creation, and process optimisation.

Warehouse Manager

Assembly Solutions | Jan 2018 – Nov 2019

- Managed a team of six, implemented stock organisation systems and improved output scheduling.

Education & Certifications

Coding Traineeship – Full-Stack Developer

IT Career Switch Ltd (1-year program)

- Covered HTML5, CSS3, JavaScript, PHP, SQL, React, Python, C#, Node.js, and more.
- Hands-on projects and technical assessments across full stack.

Microsoft Certified: Introduction to Programming Using HTML & CSS

Credential: <https://docs.microsoft.com/en-us/learn/certifications/exams/98-383>

High School: Escola Secundaria de Carvalhos – Technology Course (Grades: A–B)

Personal Projects

Over the years I accumulated experience using Unity Engine with C# and .NET focused on developing gameplay systems and prototypes. Explored and implemented **AI behaviors**, **pathfinding algorithms**, **networked physics**, and **procedural generation** to deepen understanding of game development fundamentals.

Recently I've also built FlightAssistant, a full-stack project that reads and processes an XML file through ASP.net (C#) back-end and uses a React.js (Typescript) front-end, it includes AI integration for flight and pattern analysis.

These projects can be glimpsed at on my portfolio and the source code is on github (links on top)