

# PAULO MELO

Junior Web Developer

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GitHub: [github.com/pjsm-it](https://github.com/pjsm-it) | Portfolio: [pjsm-it.github.io](https://pjsm-it.github.io) | LinkedIn: [linkedin.com/in/paulojsm](https://linkedin.com/in/paulojsm)

## PROFESSIONAL SUMMARY

Career-changer and entry-level web developer with hands-on experience building full-stack portfolio projects using Angular, Node.js, and SQL. Completed an intensive 330-hour developer bootcamp in 2024 and continue to build independently. Brings a precision and process-improvement mindset developed over 9 years in high-tech automotive manufacturing at ZF Group. Quick learner comfortable with Linux, version control, and Agile workflows, seeking a first professional role in web development.

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular (Standalone Components, RxJS)

**Backend:** Node.js, Express, C# (.NET Core) — bootcamp

**Databases:** SQLite (no ORM), SQL Server — bootcamp, MongoDB — introductory

**Tools:** Git, GitHub, Linux CLI (Bash), VIM, Agile (Scrum/Kanban)

**Testing:** xUnit — bootcamp exposure

**Learning:** Java (OOP — in progress)

## PROJECTS

**Weather Dashboard** — *Angular, TypeScript, RxJS, OpenWeatherMap API, HuggingFace API*

- Real-time weather app with city search, 5-day forecast, metric/imperial toggle, and favourites stored in localStorage.
- Integrated HuggingFace AI API to allow users to ask natural language questions about current weather conditions.
- Built with Angular Standalone Components and RxJS for reactive data handling.

[github.com/pjsm-it/weather-dashboard](https://github.com/pjsm-it/weather-dashboard)

**Budget Tracker** — *Node.js, Express, SQLite, Vanilla JS, HTML, CSS*

- Full-stack personal finance app with REST API backend supporting full CRUD on income and expense transactions.
- Backend built with Node.js and Express using better-sqlite3 (no ORM), deployed on Render.
- Frontend in vanilla JavaScript with live balance calculation and category filtering.

[github.com/pjsm-it/budget-tracker](https://github.com/pjsm-it/budget-tracker)

**To-Do App** — *Vanilla JavaScript, HTML5, CSS3*

- Task manager with priority levels (High/Medium/Low), due dates, and persistent state via localStorage.
- Structured with separated concerns (storage.js, script.js) and documented with JSDoc-style comments.
- Responsive layout using CSS Flexbox, no frameworks or build tools required.

[github.com/pjsm-it/todo-app](https://github.com/pjsm-it/todo-app)

## PROFESSIONAL EXPERIENCE

**Automotive Cutting Technician | ZF Group**

2015 – 2024

- Operated precision cutting equipment in a high-volume automotive parts production environment.
- Identified and implemented 5 process improvements to optimise workflow and reduce operational waste.
- Collaborated with cross-functional teams on technical troubleshooting and quality control.
- Maintained consistently high quality compliance standards over 9 years of production.

**Caregiver | Self-employed (Concurrent)**

2001 – 2024

- Managed complex scheduling, health plans, and logistics, developing strong organisational and stress-management skills.

**Bartender & Waiter | Various**

2004 - 2013

- Customer service in fast-paced environments, building communication and teamwork skills.

**EDUCATION & CERTIFICATIONS**

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**RE\_Start Developer Bootcamp** | Full Stack Web Development (330h) | 2024

**University of Minho (LESI)** | Computer Systems Engineering — 1 semester (2004)

**English C1 Advanced** | Certified by Instituto Britânico

Portuguese: Native