

# Manon Brun *Full-stack software engineer*

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## 🧠 Skills

JavaScript • TypeScript • Node.js • Express • Koa • MongoDB/Mongoose • SQL • GraphQL • React.js  
React-Native • Angular • Redux • Expo • Git • Jest • Cypress • React-testing-library

## 📁 Professional Experience

### Moodflow, *Full-Stack Software Engineer*

2023 - present | London, United Kingdom

Moodflow is a mental health tracking mobile app to help users build and reinforce healthy habits.

Collaborated with a team of 3 other developers to accomplish:

- Built the mobile client with functional components ensuring a good user experience with react-native,
- Organised data flow using Redux, ensuring secure storage and persistence of the state simplifying access to data,
- Optimized caching mechanisms and facilitated interactions with the backend infrastructure,
- Led project management and strategic planning to guarantee successful software development and delivery.

React-native - Redux - TypeScript - Jest - React-native Reanimated - SQLite - Bcrypt - Neo4J.

### LanGage, *Full-Stack Software Engineer*

2022 - 2023 | London, United Kingdom

LanGage is a web app to practice Spanish by practicing with an AI-generated tutor.

As a team of 2 developers, we were able to achieve:

- Resolved 100% of issues through debugging and troubleshooting to ensure project functionality,
- Implemented a comprehensive software testing suite to uphold quality assurance standards,
- Executed code base refactoring from JavaScript to TypeScript for efficiency and maintainability,
- Fostered clear communication and collaborative efforts with the initial team to achieve project goals.

React - React-testing-library - Jest - OpenAI API - MongoDB - Typescript.

### Poketask, *Full-Stack software engineer*

2022 - 2022 | London, United Kingdom

PokeTask is a task tracking web application designed with game-like features.

While developing this web app from the ground up with a team of developers, I was able to:

- Implemented robust user authentication with password hashing for enhanced security,
- Developed a functional checklist system to save and manage both checked and unchecked items seamlessly,
- Integrated a interactive point-count mechanism that updates in real-time, accompanied by avatar changes for a visually engaging user experience.

Node.js - Express.js - MongoDB - Mongoose - React - CSS - JavaScript.

### Private Employer, *Private Nanny*

2021 - 2022 | Nice, France

Being a Nanny for a family of 6 involved:

- Organizational expertise through daily housekeeping,
- Multitasking with full childcare responsibilities beyond 40 hours per week,
- Planning and execution of meal preparation 3x a day and weekly menu design.

### Sodexo, *Restaurant employee*

2020 - 2021 | Nice, France

Sodexo is a company that ensures the preparation, packing, and delivery, of thousands of meals catered to public schools in the Nice area.

As a restaurant employee for Sodexo, I was in charge of managing the packaging team, and accomplished:

- Led team of 6 employees,
- Developed a system to organise each day's tasks, improving efficiency by 20%,
- Trained team members to use industry specific softwares
- Operated and maintained industrial welder pallet stretch packaging machine

## 🎓 Education

Software engineering, *CodeWorks*

2023 - 2023

Nutrition Bachelor, *Cours Diderot*

2018 - 2020

## 🌐 Languages

English

French