

SIMON FONTAINE Junior Software Developer | Full Stack

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WORK EXPERIENCE

Web Developer Intern <i>3D-Side</i> 🔗 Worked on Customize, a web platform for surgical planning, within a team communicating primarily in English.	02/2026 – 05/2026 Mont-Saint-Guibert, Belgium
• Set up TypeScript tests using Vitest, including browser tests through Playwright, and integrated them into GitLab CI to run on every merge request. • Refactored Vue.js components for 2D and 3D visualisation to match interface controls to the supported interactions. • Updated the Docker and Vite configuration to test a shared package locally without publishing a new version. • Fixed bugs, documented verification steps and addressed code review feedback.	
Student Jobs <i>Colruyt Group and CHU Helora</i>	2020 – 2025 Nivelles, Belgium

PROJECTS

Scrimflow 🔗 <i>Final-Year Project</i> TypeScript, React/Next.js, Hono/Bun, PostgreSQL, Drizzle Web application for managing Overwatch teams, organising practice matches and tracking results.	2026
• Developed the frontend, API and data model, including account, session and permission management. • Integrated Gemini to prefill match results from screenshots for users to review and confirm. • Configured deployment using Docker Compose and Caddy.	
Fisheye 🔗 <i>EPHEC Team Project</i> TypeScript, Node.js, Express, PostgreSQL, Prisma, MQTT Connected doorbell and display system for notifying teachers of visitors and showing teacher availability.	2025
• Developed the backend, including a REST API, data model and MQTT communication with devices. • Implemented MQTT broker reconnection, topic resubscription and message retries.	

EDUCATION

Bachelor's Degree in Computing, specialising in Information Technology <i>EPHEC</i> 🔗 Graduated in June 2026.	2022 – 2026 Louvain-la-Neuve, Belgium
React Native Mobile Development Summer School <i>Seneca Polytechnic</i> 🔗 Developed Bookworm, a book tracking and sharing application, in an international team using React Native and Expo.	07/2025 Toronto, Canada

TECHNICAL SKILLS

Programming languages: TypeScript, JavaScript, Python, SQL
Frontend: React, Next.js, Tailwind CSS
Backend and databases: Node.js, Express, REST APIs, PostgreSQL, Prisma, Drizzle
Testing and tools: Vitest, Playwright, Git, GitLab CI, Docker, Linux

LANGUAGES

French: Native
English: C1, assessed through eLAO (Forem, August 2026)