# Henri Lambert

**Software Engineer | TypeScript, React, Node.js & AI-Assisted development**

henri.lambert9@gmail.com • +33 6 99 23 68 26 • LinkedIn • **French**: native, **English**: C2, **Polish**: B1.

Software Engineer with 5 years of experience building production web applications using TypeScript, React, Node.js and .NET. Skilled in backend APIs, AWS infrastructure, automated testing and CI/CD.

Experienced in AI-assisted development with GitHub Copilot, including custom agents, coordinator-based orchestration and AI-powered code reviews.

Three years of professional experience in Poland. Open to relocation.

## PROFESSIONAL EXPERIENCE

### Full Stack Developer Nov. 2025 – Oct. 2026 (11 months)

**Groupe Olky** – Hybrid – Fentange, Luxembourg

- Developed full-stack features for a **digital identity verification and document management platform** using React, TypeScript and Node.js.
- Implemented authentication, document signing and cryptocurrency payment workflows, with automated testing using Jest and Cypress.
- Built GitHub Actions CI/CD pipelines and integrated GitHub Copilot custom agents, coordinator-based workflows and AI-powered pull request reviews.

***Technologies:*** *React, TypeScript, TanStack Query, Redux, React Hook Form, Zod, Tailwind CSS, Node.js, Prisma ORM, MySQL, Jest, Cypress, Docker, GitHub CI/CD.*

### Full Stack Developer Nov. 2022 – Jul. 2025 (2 years, 9 months)

**Accolade Pro** – Hybrid – Gdańsk, Poland

- Developed full-stack features and GraphQL APIs for a **cloud-based gym management CRM** using React, TypeScript, Node.js and AWS Lambda.
- Extended AWS infrastructure with AWS CDK and implemented automated testing and CI/CD pipelines.
- Used **Sentry and Grafana** to monitor production applications, investigate errors, analyze logs and respond to monitoring alerts.
- Used GitHub Copilot custom agents and coordinator-based workflows to support implementation, validation and AI-assisted pull request reviews.

***Technologies:*** *React, TypeScript, Apollo Client, Redux, React Hook Form, Zod, SCSS Modules, Node.js, GraphQL, AWS (CDK, Lambda, RDS, Cognito, and others), Prisma ORM, PostgreSQL, Jest, Playwright, Docker, GitHub CI/CD.*

### Full Stack Developer Jul. 2021 – Oct. 2022 (1 years, 5 months)

**RiverBank** – Hybrid – Luxembourg, Luxembourg

- Developed full-stack features for an **internal loan management platform for real estate and SME financing** using React, TypeScript and .NET.
- Designed REST APIs, implemented backend business logic with ASP.NET Core, and built responsive user interfaces.
- Wrote unit and integration tests with xUnit and contributed to Agile development and continuous delivery.

***Technologies:*** *React, TypeScript, ASP.NET Core (.NET 5), Entity Framework Core, SQL Server, xUnit.*

**Backend Developer** *Apr. 2021 – Jun. 2021 (3 months fixed-term contract)*
**CNRS INIST** – Vandœuvre-lès-Nancy, France

Contributed to the redevelopment of an internal scientific document management application used by CNRS employees.

- Developed backend features for managing scientific publications and research articles, implementing CRUD operations (Create, Read, Update, Delete).
- Built and maintained REST API endpoints using Python and Django.
- Worked with MongoDB to store and manage scientific document data.

***Technologies:*** *Python, Django, MongoDB, REST API*

## EDUCATION

**Master's degree in Computer Science** Université de Lorraine – Sept. 2015 – Jul. 2020