

# Xavier Lacey

Senior engineer with over eight years of experience designing, building, and scaling user-focused SaaS platforms. Proven expertise as a tech lead, effectively bridging teams and business stakeholders. Passionate about nature and leveraging technology to combat the climate crisis, I am now seeking my next opportunity to contribute meaningfully to sustainability-focused initiatives.

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## Material Index — Senior Software Engineer, Contract

JANUARY 2025 - PRESENT

Full-stack engineer at a circular economy company, focused on reducing construction waste. Node.js, TypeScript, React, MongoDB, AWS, Postgres, SST.

- ❖ Delivered a brand new marketplace product from conception to launch as part of a small, cross-functional team.
- ❖ Maintained and enhanced a bespoke audit application, ensuring reliability and performance for existing users
- ❖ Worked autonomously in a startup environment, balancing multiple product streams and adapting quickly to evolving business needs.

## Sylvera — Backend Software Engineer

AUGUST 2022 - DECEMBER 2024

Backend engineer at a climate tech company, working across platform and product teams. Node.js, TypeScript, GraphQL, Postgres, AWS, Jest, Docker, Omni BI.

- ❖ Designed, developed, and managed RESTful and GraphQL APIs in TypeScript delivering user-focused solutions for both internal and external stakeholders.
- ❖ Tech lead for a new product that successfully delivered on-time, connected our clients with 200 developers and suppliers, and significantly enhanced client engagement.
- ❖ Initiated weekly communication between teams to align system architecture and technical solutions, and achieve project goals.
- ❖ Took initiative to build a business intelligence dashboard used by multiple teams to resolve internal bottlenecks and streamline product processes.
- ❖ Spearheaded and facilitated key discussions on engineering standards, including leading a workshop that promoted best practices in testing, database design and code structure; fostered a culture of technical excellence.
- ❖ Led many technical interviews; redesigned the coding challenge and encouraged a fairer interview process.

## LoyaltyLion — Full-Stack Software Engineer

AUGUST 2017 - JULY 2022

Full-stack engineer at e-commerce startup. Joined as the seventh employee, contributing significantly to the company's growth through multiple product and team development phases. Node.js, TypeScript, Postgres, React, Redux, Ruby, Rails, Sidekiq, AWS, Docker.

- ❖ Delivered features end-to-end across public RESTful Node.js/React and Ruby on Rails applications, enhancing platform capabilities and user experience.
- ❖ Proactively optimised team workflows and documentation, streamlining development processes and improving cross-functional collaboration.
- ❖ Automated documentation quality checks by integrating a doc linting tool into the build pipeline enhancing client-facing API documentation quality.

## TECHNOLOGIES

Node.js, TypeScript, Next, Postgres, React, Docker, AWS, GraphQL, MongoDB, SST

## EDUCATION

University College London;  
MEng Electronic Engineering  
with Nanotechnology — 2:1

SEPTEMBER 2010 - JUNE 2014

## AWARDS

The 'Own it' Sylvera Values Award in 2022 for extreme ownership

## LANGUAGES

Fluent(ish) in French, have passable Portuguese and can read a third of Japanese

## INTERESTS

Climbing, cycle touring, cryptic crosswords, cinema, twitching, guitar, painting

## **The Education Hub Group — Software Developer**

SEPTEMBER 2016 - JULY 2017

Node.js backend developer responsible for building and maintaining the API for our bespoke platform for schools.

- ❖ Second employee and developed the idea into a fully-functioning web app.

## **Mott MacDonald — Graduate Electrical Building Services Engineer**

JUNE 2015 - MARCH 2016

Designed electrical systems for the new Canary Wharf Crossrail station.