

Lee Arnold

Frontend Web Developer

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Education

MEng, Chemical Engineering
Second class honours; Upper division

Loughborough University

📅 Oct 2008 – Jun 2012
📍 Loughborough, UK

A Level

Mathematics (A), Chemistry (A), Computing (B)

SEEVIC College

📅 Oct 2006 – Jun 2008
📍 Benfleet, UK

Technical Proficiency

Frontend

React
Typescript
Javascript (ES6+)
Astro
Next.js
HTML5
CSS3
Sass
Redux

Backend

Node.js
MongoDB
NestJS
Express.js

DevOps / Deployment

Git
Docker
Vercel
AWS
NGINX
GitHub Actions
Kubernetes

Testing

Karma
Jest
Vitest
React Testing Library
Enzyme
Playwright

Profile

Frontend developer with 6 years’ experience delivering modern, high-performance web applications. Expert in React, TypeScript, Next.js, and Astro, with a track record of migrating complex legacy systems into accessible and performant solutions. Brings full-stack capability from entrepreneurial projects, alongside strong stakeholder management and data analysis skills from a prior career in industry.

Experience

Frontend Web Developer

Global Media Mar 2022 - present London, UK

- Researched, scoped, and implemented the migration of a 15-year-old legacy Python platform to a bespoke Astro solution across multiple radio brand sites.
- Boosted Lighthouse scores from 65 → 95 in performance and accessibility, cutting stale-while-revalidate times from 3 minutes to 1 minute, significantly improving user experience.
- Designed and implemented CI/CD pipelines using GitHub actions and Kubernetes, as well as introducing and upgrading testing frameworks to Vitest.
- Collaborated closely with designers to build consistent, reusable components aligned to brand identity.
- Acted as a technical authority on Astro and TypeScript, supporting colleagues and driving best practices.

Founder / Full Stack Web Developer

Self employed Jul 2019 - Mar 2022 Essex, UK

- Built and sold multiple web products, handling end-to-end development, infrastructure, and deployment.
- Built quickrelease.co.uk, a consultancy marketing and CMS platform, using React, TypeScript, and modern frontend workflows.
- Developed vaulthunters.gg, a gaming site integrating NestJS backend services with React frontends, dynamically displaying game data in a style consistent with the in-game experience.
- Delivered complete, production-ready solutions used by real users and communities.

Business Manager

Quick Release_ Feb 2013 - Jul 2019 Essex, UK

- Progressed from analyst to team lead and later business manager, gaining strong skills in data analysis, reporting, and stakeholder management.
- Worked directly with senior stakeholders to drive process improvements and manage business risks
- Developed strong leadership skills including conflict resolution, performance management, project scoping and stakeholder management.
- Served as UK trainer and subject-matter expert for the client’s internal product data management system.