

Mark Fitzpatrick

Senior Software Engineer

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SUMMARY

Senior Software Engineer with 8+ years experience driving performance and architectural improvements for high-traffic web applications, including 50% load time reductions and architecting solutions serving millions of users. Proven expertise in React, Vue, Node, MySQL and AdTech.

EXPERIENCE

NewsNow, Remote— Senior Software Engineer

2022 - PRESENT

- Implemented SSR optimisation strategy, reducing initial page load size by 50% and improving Time to First Contentful Paint by 40%.
- Architected and led the end-to-end implementation of a full-stack Stripe payment infrastructure.
- Led the migration of a legacy multi-decade codebase to a modern React/Vue micro-frontend architecture.
- Led initiatives to achieve excellent scores across all Core Web Vitals metrics, significantly improving SEO and user experience.
- Orchestrated major refactoring across a multi-decade codebase.

LRN, Dublin— Programmer

2019 - 2022

- Architected and implemented custom automation solutions, reducing manual processing time by 80%.
- Developed proprietary framework features.
- Created high-quality, award-winning interactive learning platforms for dozens of clients, consistently delivered on time.
- Mentored junior developers across all aspects of the stack.

EDUCATION

Solas E-college, Dublin— Programming with JavaScript & Application Development Fundamentals

2018 - 2019

Dundalk Institute of Technology — Multimedia Computing

2010 - 2013

SKILLS

Frontend

React

React Native

Vue.js

Typescript / Javascript

Jest

HTML

CSS / SCSS

Webpack / Vite

Backend

Node.js

Python

MySQL

Stripe

APIs

Perl

Specialisations

Google Analytics 4

Google Ad Manager

SEO

Playwright

Sysadmin

Docker

Linux