

Graeme Taylor

Senior Software Engineer (Frontend)

Dublin, Ireland (Open to Remote & Relocation)

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Professional Profile

Senior Software Engineer with over 15 years of commercial software engineering experience spanning frontend engineering, automated testing and enterprise software delivery.

Over the past eight years I have specialised in React, owning frontend feature delivery for Houghton Mifflin Harcourt's flagship educational platform. I work closely with Product Managers, UX Designers and backend engineers to deliver scalable, maintainable user experiences while improving engineering quality through mentoring, code reviews and frontend best practices.

Comfortable leading frontend initiatives, driving technical discussions and delivering software from planning through production.

Selected Highlights

- 15+ years commercial software engineering experience
- 8+ years building enterprise React applications
- Owned frontend delivery of major product features
- Led frontend initiatives within Agile product teams
- Collaborated directly with Product Managers and UX Designers
- Established frontend engineering standards through mentoring and code reviews
- Extensive commercial GraphQL experience
- Built automated testing strategies using Jest and Playwright
- Contributed to CI/CD pipelines deploying applications to AWS

Technical Skills

Frontend

React, JavaScript (ES6+), HTML5, CSS3, GraphQL, Apollo Client, React Query, Redux, Responsive Design

Testing

Jest, Playwright, Unit Testing, Integration Testing, End-to-End Testing, Snapshot Testing

Build & Delivery

Git, Webpack, Jenkins, Concourse, CI/CD, AWS Deployment Pipelines

Engineering

Agile, Scrum, Kanban, Code Reviews, Mentoring, Technical Leadership, Cross-functional Collaboration

Professional Experience

Software Engineer — Houghton Mifflin Harcourt

May 2017 – October 2025

- Owned frontend implementation of major product features from technical planning through production deployment.
- Led frontend work across multiple initiatives within a four-engineer development team.
- Worked directly with Product Managers to refine requirements, estimate work and deliver customer-focused solutions.
- Partnered with UX Designers to translate complex workflows into intuitive React user interfaces.
- Developed reusable React components integrating GraphQL services through Apollo Client.
- Improved maintainability by introducing modern frontend libraries and engineering practices.
- Performed code reviews and helped establish frontend coding standards across the team.
- Mentored engineers in React development, automated testing and frontend best practices.
- Expanded automated testing using Jest and Playwright to improve product quality and reduce regressions.
- Contributed Jenkins pipeline scripts supporting continuous integration and deployment to AWS.
- Worked closely with backend engineers to improve API integration and frontend performance.

Technologies: React • JavaScript • GraphQL • Apollo Client • React Query • Redux • Jest • Playwright • Webpack • Jenkins • Concourse • Git • AWS

Senior QA Engineer – Mobile — Fleetmatics

February 2015 – April 2017

- Designed and implemented the company's first mobile automation framework using Appium.
- Improved quality across the Reveal mobile platform through automation and exploratory testing.
- Collaborated with UX teams to improve user experience.

- Mentored engineers during rapid team growth.
- Investigated production issues alongside development and customer support teams.

Test Engineer — IBM

June 2008 – February 2015

- Built enterprise automation frameworks across desktop, web and mobile platforms.
- Led testing activities across international engineering teams.
- Delivered technical training and established automation standards.
- Worked closely with development, support and sales organisations to improve product quality.

Software Tester (Industrial Placement) — IBM

June 2006 – May 2007

Education

BSc (Hons) Computer Science

University of Ulster