

Robert Tyree

Software engineer

[Portfolio](#) [GitHub](#) [LinkedIn](#)

Profile

Versatile software engineer with experience building responsive, accessible and secure web and native app experiences for New Relic, HSBC, Google, Strava, and Knorr/Unilever. Exceptional communication and leadership skills.

Core skills

- Modern JavaScript
- CSS, CSS-in-JS, Sass
- GraphQL/Apollo
- React, Redux, Angular
- Git + GitHub/GitLab
- React Native

Engineering roles

- NEW RELIC Portland, OR Oct. 2020 – present
Senior Software Engineer
- ▶ Developer Experience contributor, enabling external devs to work well on New Relic
 - ▶ Collaborating across European and US teams on a dynamic software offering
 - ▶ Focuses have included low-code and data visualization
 - ▶ Common stack: React, TypeScript and GraphQL and occasionally Elixir
- DELOITTE DIGITAL London, U.K. Sep. 2019 – Oct. 2020
Senior Front End Developer - Senior Consultant
- ▶ Lead a front end team in building and maintaining a complex React web application
 - ▶ Specified product features and prioritized work streams with client stakeholders
 - ▶ Advocated for and progressed key tasks related to technical debt management
 - ▶ Fostered a supportive, collaborative team dynamic and mentored junior devs
 - ▶ Recent work: green-field build of React, Redux, TypeScript microsite hsbckinetic.co.uk
 - ▶ Also ran a book club, assessed job candidates, edited the Deloitte UK Tech Blog
- STINK STUDIOS London, U.K. Apr. 2018 – Sep. 2019
Developer
- ▶ Focused on front end web code, and explored back end and native app technologies
 - ▶ Ran weekly knowledge shares exploring topics such as infrastructure as code or ML
 - ▶ React + Redux on Qalam for Google: [case study](#)
 - ▶ React Native app using Google Cloud Vision to match photos to recipes for Knorr
 - ▶ AfterEffects custom exporter and SVG animations for Strava: [case study](#)
 - ▶ GraphQL, TypeScript, Spark AR Studio + Dialogflow on internal products
- READING ROOM London, U.K. May 2017 – Apr. 2018
Front End Developer
- ▶ Front end builds with modular Sass, Gulp/Grunt/Webpack, Nunjucks, AngularJS

Volunteer roles

- CODEBAR LONDON May 2017 – Oct. 2020
- ▶ Coaching learners through front end essentials to help build diversity in tech
- HACK OREGON Portland, OR Dec. 2016 – Apr. 2017

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Junior Front End Developer

- Contributed to affordable housing site on City of Portland open data platform

AKQA Portland, OR March 2016
Squarespace Developer

- Worked with a small team at digital agency AKQA to build out [dfrntpigeon.com](#)

Education

GOOGLE ASSOCIATE CLOUD ENGINEER March 2020
▸ GCP certified to deploy applications, monitor operations, manage enterprise solutions

HACK OREGON JavaScript Track July 2016 – Mar. 2017
▸ Asynchronous, functional JavaScript, design patterns, React/Redux, Git, unit testing

TREEHOUSE Extensive self study Aug. 2015 – 2017
▸ Front end web design: Express, Gulp, jQuery, SVG, command line, accessibility

UNIVERSITY OF WASHINGTON Bachelor of Arts Class of 2007
▸ Major: Comparative History of Ideas Minor: Dance
▸ Dean's List, honors graduate, digital arts focus, French fluency

Project management roles

FRONT Portland, OR 2010–2016
Publication Director
▸ Co-founder and director of a print publication devoted to contemporary dance
▸ Designed and managed Squarespace Commerce site for edition launch + sales

EXPERIMENTAL CHOREOGRAPHY Portland, OR 2008–2016
▸ Managed personal dance portfolio at [roberttyree.wordpress.com](#)

PORTLAND INSTITUTE FOR CONTEMPORARY ART (PICA) 2014
Artistic Exchange Residency Coordinator
▸ Producer role on a 12-day residency for two African choreographers

FREELANCE GRANT WRITER Portland, OR 2012–2015
▸ Eight successful grant applications for arts organizations and independent artists

Education roles

PACIFIC INTERNATIONAL ACADEMY Portland, OR 2008 – March 2017
Tutoring Center Coordinator + English Teacher
▸ Director of tutoring services and faculty tutors
▸ Instructor and advisor to university English language learners
▸ Expert knowledge of English grammar and written conventions