Greye C. Smyth

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Personal Profile

- Experienced software engineer particularly familiar with the fintech venture sphere
- Strong React frontend knowledge with moderate backend experience as well
- Well-practiced in working independently and quickly self-teaching when needed
- Always on the lookout for new ways to improve our world through technology

Technical Skills

JavaScript TypeScript Linux Bash Git HTML CSS ReactJS React Native
NodeJS Redux MobX MobX State Tree Styled Components FormatJS
Jest JSON JSON Patch REST Java Spring Framework OpenFaaS

Professional Experience

Frontend Software Engineer
Floating Point Group / 2022 / Hoboken, NJ (Remote)

- Ensured functionality and stability of client-facing React apps for crypto investment platform with >$100M USD in AUM, primarily on FPG's flagship FlowVault product
- Collaborated on setting team coding standards and developed frontend interview process as FPG transitioned from a contractor-developed UI to in-house engineering

Software Engineer II
Wealthsimple / 2021 – 2022 / Toronto, ON (Remote)

- Developed new features and components in React-Native/Redux frontend and TypeScript microservices for a commission-free stock-trading app with >1M users
- Was personally selected for a cross-vertical team to unify Wealthsimple's disparate products into a single app; served as technical DRI on new home screen layout
- Provided guidance to junior engineers working on the unification project, one as part of their co-op term and another through an internal mentorship program

Software Engineer II (2020 – 2021)
Software Engineer (2016 – 2019)
Ratehub.ca / 2016 – 2021 / Kingston, ON

- Maintained and improved Ratehub.ca, offering financial product comparison tools (a sort of "Expedia of personal finance") and free educational content to all Canadians
- Implemented React/MobX-based frontend for the online mortgage platform (OMP) first integrated by Ratehub's brokerage, CanWise Financial, then expanded to others

- Developed a NodeJS/OpenFaaS backend-for-frontend solution to unify cross-product account authentication and financial application document handling
- Additionally handled informal mentorship, occasional Java backend work, third-party integrations such as Calendly and Pusher, and locale script maintenance as needed

Ecosystem Software Developer
IBM Canada / 2015 – 2016 / Toronto, ON

- Supported use of Linux on z/Architecture mainframe platform by expanding the open-source software ecosystem available to prospective developers
- Addressed the needs of major corporate clients by porting projects including Couchbase, HAProxy, Nginx, and Go from x86 to z

Education

B.Sc.Eng. in Computer Engineering
Queen's University / 2010 – 2015 / Kingston, ON
- Software engineering focus, First-Class Honors
- 12-month professional internship with Ericsson Canada (2013-2014)

Personal Activities

"Geek Executive Officer" (a.k.a. Webmaster) for Smyth Puzzles
- Created and continue to maintain a Shopify-based online store (smythpuzzles.ca) for mother's handcut jigsaw puzzle business in response to COVID-19 lockdown
- Dealt with storefront site development, including custom JavaScript/CSS/Liquid page templates to get the right UX, as well as writing and editing some store copy

Independent Game Development
- From a young age, explored and experimented with a number of game development frameworks and engines, particularly the C#-based XNA and Unity3D
- Games developed have so far been small, personal projects, but more recently started developing concepts towards a professional-quality public release