Rhys Bower

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Technical Skills

Experienced: JavaScript, C#, Git, GitHub, Azure DevOps, JIRA
Working Knowledge: Node.js, Java, React, Angular, SQL, PHP, Racket
Previous Exposure: Python, C, C++, Go, MongoDB

Experience

RedMane Technology Canada

Software Developer   May 2018 - Present

- Implemented a continuous deployment pipeline, reducing cycle time from 1 day to 5 minutes.
- Designed an automated UI test system, trimming 500 hours of manual testing time per month. **(C#)**
- Implemented a cache for repeated database calls, improving performance of a spreadsheet import task by 680 times. **(C#)**
- Developed a UI component to support swipe between tab panel sections. **(JavaScript)**
- Created a relative locator tool for children in care using the Whitepages API. **(C#)**
- Interviewed candidates and hosted a career fair for technical recruitment.

The University of British Columbia

Server Admin & Teaching Assistant   May 2016 – April 2018

- Maintained an assignment submission service used by over 4,000 students. **(PHP, Racket)**
- Developed a website for viewing course progress based on graded problem sets and exams. **(PHP)**
- Guided 300+ students through weekly labs to solve programming problems.

Software Developer   May – August 2017

- Worked on a problem set web app used to teach C. **(JavaScript, React, Redux, Node.js, MongoDB)**
- Integrated the university single sign-on using SAML 2.0 and LDAP.
- Implemented Redux as the client data model to maintain data consistency through all components.

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Software Developer & Co-Founder   August 2016 – July 2017

- Developed backend to store product and inventory information for querying. **(PHP, MySQL)**
- Integrated an Ionic app (iOS and Android) with Stripe Payments and Firebase Auth. **(JavaScript)**
- Designed marketing website to promote the launch of new fitness programs. **(HTML, CSS)**

Personal Projects

uswds-react   June 2019 – Present

- Developed React components for the U.S. Web Design System. **(JavaScript, React)**

Education

The University of British Columbia

Bachelor of Science, Major Computer Science with Distinction   September 2015 – April 2018

github.com/RhysBower • linkedin.com/in/rhysbower