

# Rachael Hogan

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## Senior Software Development Engineer

Accomplished Software Engineer with background in frontend and backend development including React, TypeScript, PHP and Golang. Proven track record in implementing scalable solutions, optimizing web applications and improving system performance. Adept at mentoring teams and driving efficiency. Passionate advocate for STEM and women's equality with a history of impactful community engagement.

### AREAS OF EXPERTISE

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Product Development | Frontend & Backend Development | Project Management | Program Development | Performance Optimization | Full Stack Development | Microservices Architecture | Database Management | Testing & Quality Assurance

### TECHNICAL SKILLS

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React | JavaScript/Typescript | Vue | HTML | CSS | Jest/Testing Library | PHP | Golang | AWS

### WORK EXPERIENCE

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#### Intuit | Boise, ID

Nov. 2021 – Aug. 2024

*Senior Software Engineer | Mailchimp & QuickBooks Time [Aug. 2023 – Aug. 2024]*

- Revamped MailChimp webpages from outdated dojo framework to React, resulting in 80,000 monthly hits while improving loading speed and scalability with refactored code and state management, reducing overall memory usage by 75%
- Achieved 85% unit test coverage using Jest and Testing Library, enhancing code quality and reliability across webpages
- Increased TimeActivity-MetaData endpoint requests to over 1.6 million per day by implementing a proxy layer, ensuring QBTime was the sole source of time data, reducing errors and improving data syncing between QBO and QBTime databases
- Implemented optional approvals features in QBTime to allow users to decide on time approval, resulting in increased efficiency and automation for data sync with QBO
- Developed API endpoints in PHP to decouple a monolith into microservices, streamlining legacy table integration into a unified database

*Software Engineer II | QuickBooks Time [Nov. 2021 – Aug. 2023]*

- Resolved QBOs sync issues, reducing customer care cases by 40% and boosting service efficiency
- Applied customizable display name feature synced with QBO to reduce top 5 sync errors and released to 100% of QBTime customers
- Modernized QBTime by migrating HTML pages to React with TypeScript, enhancing maintainability and scalability, and utilized GraphQL endpoints to retrieve data while implementing efficient pagination, filtering and sorting mechanisms
- Stepped in as team lead, capturing business requirements and mentoring team members to drive project success

#### Kount an Equifax Company | Boise, ID

Sept. 2019 – Nov. 2021

*Software Engineer II*

- Led migration of legacy PHP code into three Golang microservices for the Rules Engine, Dashboard and trusted device page, enhancing system modularity
- Designed and implemented a Rules microservice to save user-defined rules into DynamoDB, optimizing data storage
- Developed APIs for multiple microservices using gRPC, Protocol Buffers and Golang, optimizing service interoperability
- Optimized microservices performance during an AWS cloud migration, addressing budgeting concerns to enhance cost efficiency and system scalability

### LEADERSHIP EXPERIENCE

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#### Women Innovators | Boise, ID

Jan. 2019 – Present

*Board Member*

- Planned and executed 5 successful STEM explorer days, reaching 2000+ students and promoting women's equality by providing workshops, problem solving activities and collaboration opportunities for young girls interested in STEM careers
- Revitalized marketing strategy for Women Innovators resulting in 50% increase in involvement via a monthly newsletter reaching 500 people and a larger pool of volunteers and donors for STEM events

### EDUCATION

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Boise State University | BS in Computer Science

Dec. 2018