

Donovan Odom, Software Engineer Seattle, WA (Open to relocating)
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TECHNICAL SKILLS

Languages & Frameworks

TypeScript, JavaScript, Ruby on Rails, React, Redux, CSS, GraphQL, Saga, Next.js

Tools & Technologies

DataDog, LaunchDarkly, SQL, HTML, Git, AWS, APIs, Web Sockets, Photoshop, Figma, MongoDB

Additional Skills

Computer Science Fundamentals, Agile, Databases, Technical Blogging, Paired Coding, IT, Web Applications

EMPLOYMENT HISTORY

Software Engineer, Bayer, Seattle | December 2022 - June 2024

Crop Science Digital Farming Solutions

- Awarded for driving swift completion of a year-delayed, complex cross-team feature within one month, facilitating hundreds of thousands of users to select multiple farming operations in our analytics reporting app; contributed 2000+ lines of code, improving performance by implementing data persistence; instituted end-to-end testing with Cypress; supervised error metrics via DataDog to ensure faultless feature rollout.
- Use ReactJS/ReactTS JSX syntax to render dynamic UI elements and handle user interactions effectively to manipulate the DOM and build, maintain, and enhance the user interface of web applications.
- Utilize GraphQL to define queries, mutations and schemas while communicating with specialized packages and consuming their services to meet data requirements and manipulate data to be consumed on the frontend.
- Drive Agile methodologies, actively participating in daily stand-ups, sprint planning, and retrospectives to optimize project workflows and deliverables.
- Define Redux actions and reducers, and Redux Sagas to update state and handle asynchronous logic in response to user interactions or API calls.
- Maintained code through testing using Cypress and mocked API responses for end-to-end user simulated testing and Jest for unit, and component testing.

Software Engineer, Global Gains | March 2022 - November 2022

- Assisted in development and maintenance of front-end architecture for web applications.
- Optimized websites for maximum speed, scalability, and mobile responsiveness.
- Assisted in freelance projects end-to-end, including consultation.

Medical Laboratory Technician, University of Washington, Seattle | October 2019 - November 2022

- Coordinate with over 1000 clients and various medical institutions to facilitate lab testing & increase lab flow efficiency for optimal patient care.
- Collaborate with over 50 interdepartmental teams using organizational skills and problem solving skills to improve procedures and overall hospital & laboratory medicine performance.
- Manage communications to clinicians of sensitive, critical, and/or time-sensitive results following HIPAA standards.
- Assisted in processing results for over tens-of-thousands of COVID-19 tests during peak testing periods.

Laboratory Lead, Dynacare, Seattle | August 2017 - October 2019

- Collaborated in supervision of laboratory operations with over 10,000 patients to optimize turn-around-time and achieve daily goals.
- Exhibited management skills to maintain team morale and effective communication to improve the work environment.
- Demonstrated excellent verbal communication skills to train laboratory team of over 30 members on techniques to optimize workflow and meet companies standard of processing over 70 patients per individual per hour.

Laboratory Lead, Missouri Baptist Medical Center, St. Louis | June 2014 - July 2017

- Accomplished daily laboratory operations for medical center inpatients, 50+ clinics & several outreach medical centers.
- Undertook resulting & communicating critical, and/or time-sensitive results to clinicians following HIPAA standards.
- Managed referral lab operations for local and out of state reference laboratory testing for specialized testing not performed internally.

OPEN-SOURCE CONTRIBUTION AND VOLUNTEER WORK

Democracy Lab, Annual Earth-A-Thon Hackathon, iSeaTree | April 2024

- Contributed React code to project's map dashboard, building logic for handling user input to update state, display a filtered list of identified/tagged trees, and styling updates following Figma design to enhance user experience.

EDUCATION

Flatiron School, Seattle | February 2022

Computer Software Programming Certification

Saint Louis University, St. Louis | August 2014 - June 2016

Coursework completed towards Bachelor of Sciences in Medical Laboratory Science

Portland State University, Portland | August 2012 - July 2013

Coursework completed towards Bachelor of Sciences in Medical Laboratory Science

AWARDS

Better Because of You Award | Bayer

Recognized for outstanding adaptability and pivotal leadership championing a business critical & highly-complex feature release, that increases hundreds of thousands of users access to exponentially more data points in our reporting and analytics web application.

PROJECTS

Personal Portfolio [Github Repository](#) | [Site Link](#)

Protoswim [Github Repository](#) | [Video demo](#)

Palette Playground [Github Repository](#) | [Site Link](#)