MEREL JACOBS

SOFTWARE ENGINEER

CONTACT

Tel: 209-694-5465

Location: Portland, OR

Email: merel.burleigh@gmail.com

Portfolio: https://mereljac.dev

GitHub: https://github.com/MerelJac

LinkedIn: /merel-b-jacobs

EDUCATION

UNIVERSITY OF OREGON & EDX

Full Stack Web Development Bootcamp

2023

NATIONAL ACADEMY OF SPORTS MEDICINE

Certified Personal Trainer

2022

UNIVERSITY OF PORTLAND

B.A. in Psychology & Neuroscience

2020

TECHNICAL SKILLS

- HTML 5, CSS, SASS, PHP
- Javascript, Typescript, Python, C#
- React, Angular, Wordpress, Ruby on Rails
- Node.js, Express Servers
- noSQL, SQL, RESTful API, GraphQL
- Git, GitHub, GitLab
- Object Oriented Programming
- Cloud Platforms (GCP/AWS), Nginx, Docker, Ansible, Terraform, Jenkins

PUBLICATIONS

FRONTIERS IN PSYCHIATRY   2nd Author

https://www.frontiersin.org/articles/10.3389/fpsyt.2020.00090/full

PERSONAL INTERESTS

PERSONAL TRAINER

www.coachmerel.com

CLASSICAL VIOLINIST

ABOUT ME

Fueled by a strong passion for growth and building user-centric software, I am motivated by producing scalable results and I take a deep sense of pride in my work. I leverage my self-starter mentality and my collaboration skills to produce efficient, detail-oriented code. Upon joining your team, I will bring innovative solutions, an eager work ethic, and a contagious passion for producing high quality, product-driven software.

WORK EXPERIENCE

LOOPDASH

Contract Software Engineer   **2024 - Present**

- Engineered solutions to meet client needs using APIs, Ruby on Rails, and React.
- Hosted and participated in bi-weekly meetings with clients to communicate progress, bugs, and future developments.
- Produced email templates based on Figma & responsive in different email providers.
- Deployed low latency, cost effective, scalable code with Amazon Web Services.
- Delivered quality assured code before deadlines.

Key Accomplishment: Planned and executed database management via interactive options on the user interface to export .csv and .png data.

REN - CLIMATE TECH SAAS

Software Engineer Intern   **2023**

- Collaborated with product team and customer success to innovate software as a service aiding in the decarbonization of the global supply chain via Climate Tech Start-Up Company.
- Proficient in using Git for version control, tracking changes, and collaborating with team members.
- Collaborated with cross-functional teams in an Agile environment to deliver features and improvements in timely iterations deployed on Google Cloud Platform.
- Participated in daily stand-ups, sprint planning, and retrospective meetings to ensure effective communication and project progress.
- Conducted code reviews to ensure code quality, adherence to best practices, identifying and resolving bugs, and collaborative learning within the team.
- Actively engaged in self-directed learning and pursued additional training to enhance skills in emerging technologies.
- Platform: https://www.ren.inc/platform

Key Accomplishment: Architected and implemented a robust system overhaul to optimize user experience, strategically rerouting key functionalities to enhance accessibility and streamline operations for clients.

SPROUTBOX MEDIA

Contract Web Developer   **2023**

- Wrote and published custom PHP, JavaScript, HTML and CSS for Wordpress sites using Secure File Transfer Protocol via FileZilla.

OREGON HEALTH & SCIENCE UNIVERSITY

Research Assistant   **2018 - 2021**

- Processed data including fMRI and PCR results with RStudio, MatLab, SPSS, & Python to publish interaction of drugs of abuse on the brain.