

Steven McVey

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[LinkedIn](#) | [Github](#)

FULL STACK SOFTWARE ENGINEER

Teacher-Turned-Software Engineer with experience in JavaScript and Ruby-based programming. Highly adept at integrating and applying knowledge from many different areas when problem-solving. Adaptable, perceptive, patient, and sometimes unconventional in my thinking and in the way that I approach things.

TECHNICAL SKILLS

JavaScript, React, Ruby, Rails, Active Record, Postgres, RESTful API, JSON, HTML, CSS, Git, Chinese, Korean

TECHNICAL PROJECTS

Chinese Character Test - [Github](#) | [Demo](#) | [Website](#) (UN: exampleteacher, PW: password123)

A web-based application designed for Chinese language teaching and research, enabling assessment of students' character recognition abilities and providing comprehensive tools for viewing and analyzing test results

- Created custom database schema and REST API with Rails, Active Record, and PostgreSQL
- Integrated custom validations and error-handling
- Implemented secure passwords with BCrypt and session-based authentication to support secure login
- Designed a clean user interface with React and Bootstrap

Scamps - [Github](#) | [Demo](#)

An app for parents to sign their children up for Summer camps

- Created a full-stack web application using a Rails API backend and a React frontend, combining server-side and client-side technologies for a seamless user experience
- Implemented full CRUD actions for resources, following RESTful routing conventions for backend routes
- Incorporated user authentication and authorization features according to the latest industry standards

EXPERIENCE

We Vote 12/2023 - present

Volunteer Software Developer

- Contribute to the development of We Vote, an open-source project, by focusing on enhancing the front-end functionality of the web application.
- Collaborate with a diverse team of developers, participating in code reviews and providing constructive feedback to improve overall code quality and maintainability.

Salem Keizer Public Schools, Salem, Oregon 10/2021 - 06/2022

Science Teacher

- Designed and implemented engaging lessons to expose students to the importance of science in understanding the world around them
- Actively sought out professional development opportunities to further enhance behavior management techniques and teaching methodologies, staying up-to-date with best practices in science education

Jianzhong Kindergarten, Zhuhai, China 10/2015 - 01/2020

Pre-school Teacher

- Created English immersion lessons catering to the unique needs and learning styles of the school's **240 students**
- Achieved outstanding results in student English proficiency levels, consistently receiving praise from local elementary teachers for our students' exceptional language skills

EDUCATION

Flatiron School 2022 - 2023

Full Stack Web Development, Ruby on Rails, and JavaScript program

Willamette University, Salem, Oregon 2012 - 2013

Master of Arts in teaching Chinese and Mathematics

University of Oregon, Eugene, Oregon 2007-2011

Bachelor of Arts in Chinese Language and Literature