


Alex Schuessler

Software Developer

OBJECTIVE

Seeking a position as a software developer where I can grow in my problem solving and technical skills, such as Javascript and React, in an agile development environment.

PORTFOLIO


 alex.schuess.com

 /schuessleriam

CONTACT

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SKILLS

Frontend

- JavaScript, ES6
- React.js
- Redux (Redux Sagas)
- Styled Components
- HTML/CSS

Backend

- SQL (MySQL)
- Firebase
- PHP
- Node.js

Object Oriented

- Java
- Ruby
- Python

Adobe CC

- Premiere
- Illustrator
- Photoshop

EXPERIENCE

Full Stack Developer

VU Office of Church Relations

Developed a digital tool suite used to generate the multiple formats of the Lutheran High School Directory. In a small team, designed and implemented a MySQL database and created a new unified front end using PHP and Ajax. This centralized, multiple entry point system decreased the overhead by up to 400% across the global Lutheran community.

React Developer

Created interactive and static web apps using current React features and patterns including hooks, Redux, Redux Sagas, Styled Components, and other reuse through npm packages.

EDUCATION

Bachelor of Science in Computer Science

- Valparaiso University, December 2018
- magna cum laude
- Minor in Mathematics
- NCAA D1 Track & Field, Horizon League Academic Honor Roll

PROJECTS

Interactive Online Store

Created a fully functional e-commerce platform using React.js, Express.js, Redux, Firebase, and Stripe. Users can log in and create accounts using an email or Google account securely using the Firebase Auth library. Any user can add to the cart from anywhere a collection appears. Logged in users can add and remove items at checkout, and pay using Stripe.

Group Task Management Web Application

Led a team of three to create the program Sprints using Ruby on Rails. The application allowed many-to-many queries where a user could share a project to other users. Any of the project's members could add or mark an objective complete. This project was completed by a strict deadline of a matter of weeks using the agile software design method.

Image Edit Program

Created an Image processing and editing tool using Java Swing. Program allowed a user to select a photo from the running machine to alter in a variety of ways — similar to Microsoft paint.

Reddit Search Mobile App

Created a mobile input and categorical search tool on the reddit API using Angular and Cordova on the Ionic framework.