

SARAH KELLY

Software Engineer

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I am a full stack software engineer with a background in IT Administrative Management. I utilize a variety of frameworks and stacks including Express.js, React, Python, and Django. Transitioning from five years of experience in customer service and security, I possess a strong attention to detail, and leverage my interpersonal skills to thrive in collaborative fast paced environments. I enjoy writing sensible, highly efficient and usable code to solve complex problems and make a difference in the lives of others.

SKILLS

Languages - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React, Node.js, Express.js

Database - PostgreSQL, Sequelize, ORM, MongoDB, Mongoose, ODM | **Other** - RESTful Routing JSON

SOFTWARE DEVELOPMENT PROJECTS

November 2022- Present

Hangman Game

- Prompt: Design a browser game with win/loss logic as Project 1 for General Assembly's Software Engineering Immersion Program
- Used HTML, CSS, and JavaScript to render a game in the browser within 7 days.
- Delivered and deployed a working in-browser game of Hangman that satisfied all technical requirements including win/loss logic and rendered win/loss messages using HTML, conventional code including proper indentation and white space, sensible naming conventions, and a clean, styled, presentation.

Kelly Academy Database

- Utilized Node.js, Express.js, and MongoDB to develop a full-stack CRUD application that tracks data relating to a preschool academy.
- Created appropriate data entities with M:M and 1:M relationships as needed. Implemented OAuth authentication allowing the restricted access to certain features, such as editing and deleting resources within the app.
- Implemented complete CRUD data operations between all data entities.
- Delivered and deployed a styled full-stack application with a consistent and neat presentation using HTML and CSS styling that met all technical requirements

PROFESSIONAL EXPERIENCE

Dept. of Homeland Security, Border Patrol Agent/Security Officer | Multiple Locations **July 2019 - December 2021**

- Collaborated with a team of security officers using critical thinking, attention to detail, and professionalism to aid in the processing of approximately 51.8 million passengers through Seattle Tacoma's International Airport, one of the top 10 U.S airports with a regional economic impact of more than \$22.5 billion in business revenue.
- Received intensive training at the border patrol academy developing extreme levels of skills including interpersonal skills and team communication and critical thinking in high-stress public-facing situations, adaptability and multi-tasking with confidence while solving complex problems with efficiency in order to maintain safety.

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive

September 2022 - Present

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

CENTRAL WASHINGTON UNIVERSITY | LYNNWOOD, WA

Masters of Science (Information Technology and Administrative Management), (Project Management)

2017

Bachelors of Science (Information Technology and Administrative Management), (Project Management)

2015

Associates of Science (Computer Information Systems)

2011