

SARAH KELLY

Software Developer / IT Professional

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I am a creative, design-minded, and user-driven software developer and IT professional with a diverse professional background encompassing customer service, government service as a Border Patrol Agent and Transportation Security Officer, and academic excellence culminating in a Master's degree in Information Technology and Administrative Management with a minor in Project Management. I recently completed a rigorous Software Engineering boot camp to acquire in-depth coding expertise while serving as an independent contractor delivering for Amazon as an Amazon Flex driver, gaining hands-on experience in logistics and technology utilization. I possess a unique blend of interpersonal skills, security knowledge, and advanced technical abilities, making me a strong candidate for a variety of roles in Information Technology and Software Engineering. I am committed to leveraging this multifaceted skill set to drive innovation and solve complex challenges in the tech industry.

SKILLS

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

Database - Postgres, SQL, NoSQL, MongoDB | **Other** - REST APIs, Agile methodology, Visual Studio Code, Git, GitHub, Heroku, Netlify, Slack, ServiceNow, Adobe Creative Suite, Microsoft Office, Zoom, MacOS, Windows OS

Interpersonal Skills: effective communication, problem-solving, collaboration, high work ethic, attention to detail, time management, proactive, leadership, critical thinking, creative, encouraging, dependable, responsible, focused, organized, strategic planning, research

SOFTWARE DEVELOPMENT PROJECTS

Toddler Time | [GitHub](#) | **React, MongoDB, Express.js, Node.js, JavaScript, HTML, CSS, Heroku** 12/2022

- Developed a MERN stack application that allows users to create activity plans to keep parents/caregivers of toddlers organized and promote the healthy development of toddlers at home by adding activities searchable by browsing through various developmental goal-related categories. Functionality to update, save, and view current and past activity plans included.
- Created in-depth planning materials including a Trello board with user stories, an ERD, and a Wireframe.
- React and CSS were used to develop a consistent, polished front end (UI) within the component file structure while utilizing the Express.js framework within a Node.js server and MongoDB to build the back end of the application with full CRUD.
- Token-based authentication implemented for user sign-up, login, and logout, and authorization implemented for data security.
- Employed Git control throughout application production with frequent commits until deployment, via Heroku.

GoalTracker | [GitHub](#) | **JavaScript, Python, MongoDB, Django, PostgreSQL, HTML, CSS, Heroku** 11/2022

- Acted as GitHub manager and team lead alongside two software engineers to create a full-stack goal-tracking application that allows users to create goals of any kind, track the progress toward goal completion, and create rewards for motivation.
- Led team to complete project MVP in three days utilizing mob programming, regular communication using Slack, and minimization of GitHub merge conflicts during production.

The Kelly Academy | [GitHub](#) | **JavaScript, Node.js, Express.js, MongoDB, Mongoose, OAuth, HTML, CSS** 10/2022

- Created a full-stack application that tracks preschool academy data with the ability to view activities and meals associated with class sessions and functionality to create new sessions and add or remove existing or newly created meal items or activities.
- Detailed planning materials including a Trello board, an ERD, and a Wireframe created and utilized to streamline development.
- Utilized JavaScript and CSS to create a user-friendly front end and RESTful API fetch calls to an Express, MongoDB, and Node.js backend that handled all create, read, update, and delete (CRUD) operations.

PROFESSIONAL EXPERIENCE

Amazon, Independent Contractor | Seattle, WA

12/2021 - Present

- Utilized the Amazon Flex application in a fast-paced delivery environment to deliver thousands of packages while consistently meeting or exceeding delivery timeframes and performance metrics, ensuring customer satisfaction.
- Leveraged strong technological acumen and problem-solving skills to efficiently deliver packages, manage logistics, and ensure a seamless customer experience.
- Proficiently utilized the Amazon Flex application on my smartphone to plan and optimize delivery routes and troubleshoot any technical issues to reduce fuel consumption and travel time, resulting in cost savings for Amazon and increased overall productivity customer satisfaction, and retention.

Dept. of Homeland Security, Border Patrol Agent/Security Officer | Multiple Locations

07/2019 - 12/2021

- Collaborated with a team of security officers using critical thinking, attention to detail, and professionalism to aid in processing approximately 51.8 million passengers through Seattle Tacoma's International Airport, with a regional economic impact of more than \$22.5 billion in business revenue.
- Received intensive training at the border patrol academy further developing interpersonal skills, team communication, critical thinking, problem-solving, adaptability, and multi-tasking in high-stress public-facing situations to maintain national security.

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive

09/2022 - 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 followed by continued participation in Outcomes program for career development.

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