



SHAWN SIDWELL

Software Engineer



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github.com/shawnsidwell



shawnsidwell.github.io/portfolio

EDUCATION

Bachelor of Science

Biology with Organismal Emphasis

University of Arizona



2011-2015

SKILLS

Coding Languages:

JavaScript/Typescript



Java



Python



HTML/CSS



Frontend Technologies:

React, Node.js, NextJS, Express, Tailwind

Backend Technologies:

MySQL, Cassandra, AWS Cloud, Elastic Search, Spring/Springboot, Kafka, Kubernetes, Docker, Jenkins, Linux,

Miscellaneous:

Github, Git, Agile, Rally, Visual Studio Code, IntelliJ, Eclipse, Microsoft office

ABOUT

Hello, I am a dedicated full stack developer seeking my next software engineering role. I bring extensive knowledge and experience in Java, JavaScript, and Python, enabling me to create both cloud microservice architectures and monolithic systems. My expertise includes developing fully responsive websites utilizing modern technologies such as React and Tailwind to enhance SEO and user experience. I have been recognized for my exceptional performance, leadership, and commitment to personal growth. I am excited to apply my diverse skill set to a new organization, where I can contribute to its success.

PERSONAL PROJECTS

• Oswego Grill Wine List

www.og-cheat-sheet.vercel.app

A personally requested single page application (SPA) created for wine profiles for Oswego Grill. It's design allows for servers to quickly reference tasting descriptions which has increased wine sales by 20%.

Technology Used: JavaScript, React, CSS, Tailwind, Vite, Vercel

• Frugal Fare

<https://github.com/shawnsidwell/frugalfare>

A ride-sharing price simulator designed to help users find the most competitive quotes for their trips. By simulating various ride-sharing prices, users can easily compare prices and select the best option tailored to their needs.

Technology Used: Java, MySQL, XML, Tomcat Server

• Wild Oasis

<https://github.com/shawnsidwell/the-wild-oasis>

A streamlined application designed for hotel management. Hotel staff can easily track room availability, manage bookings and handle check-ins and outs with efficiency.

Technology Used: JavaScript, React, CSS, Supabase, Vite

WORK EXPERIENCE

Developer

Sunia Massage



Feb 2024 – current

- Spearheaded the creation of an intuitive and visually appealing website for Sunia Massage.
- Leveraged modern web technologies such as React and JavaScript to create a seamless user experience that follows responsive design principles.
- Managed end-to-end project development, from initial concept and wireframing to development, testing, and deployment.
- Provided detailed service descriptions and integrated a blog to boost SEO and customer interaction.

Software Engineer

Optum, United Health Care Group



Sep 2022 – Oct 2023

- Started as a contributor to a large ingestion/ETL (Extracting, Transforming, Loading) team responsible for handling over 7M+ files/day.
- Worked with large team of over 40 DevOps, Software Engineering and Machine Learning experts.
- Produced a proof-of-concept compression application to analyze and test Snappy compression on AWS Keyspaces which compressed data approximately 20%.
- Contributed to a project for a bot that reviewed HL7 JSON fragments to apply specific rules that matched over 700,000 records.
- Worked On-call, which required loading 300,000+ files manually or by using a sftp adapter and deploying files to the appropriate Kubernetes pod.

Full Stack Developer

TEKSystems



May 2022 – Sep 2022

- Learned full-stack code from industry experts from fortune 500 companies. Topics included MySQL, Java, HTML, CSS and JavaScript.
- Created a full end to end application with a database that simulated and compared ridesharing prices of multiple platforms such as Uber, Lyft and Yellow Taxi. This included using Google API to calculate distance using geolocation.
- **Achievement:** Rising Talent Award