

# CONNOR SWANSON

Full-stack software engineer with expertise in Java, Spring Framework, and React.

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## SKILLS

**Programming:** Java 21, Python 3, JavaScript ES6+, TypeScript, HTML5, CSS, SQL

**Database:** MySQL, PostgreSQL, MSSQL, MongoDB, Redis, h2

**Back-End:** Spring Framework, Django 4, FastAPI, Hibernate, RESTful Services, Node.js

**Front-End:** React, Redux, Vue.js, DOM manipulation, CMS, WebSocket

**Testing and Middleware:** Jest, pytest, Postman, Kafka, RabbitMQ, Netflix Eureka

**Miscellaneous:** Security (OAuth), Monitoring (Prometheus/Grafana), Maven, Docker, Git, Jenkins

## DEVELOPMENT EXPERIENCE

<b>TABLFG</b> Full-Stack Engineer <a href="https://github.com/swanscon/tablfg">https://github.com/swanscon/tablfg</a>	2024
Event-scheduling microservice-based web application with a Java/Spring Boot backend utilizing a gateway and asynchronous communication with Kafka, Spring Security, and RESTful API.	
<b>Equip Load Calculator</b> Front-End Developer <a href="https://github.com/swanscon/equip-load-calculator">https://github.com/swanscon/equip-load-calculator</a>	2023
Developed a Vue.js-based application for calculating equipment load utilizing Vue Router for navigation, Pinia for state management, and designing a responsive UI with advanced forms and dynamic presentation.	
<b>Tree Top Insurance</b> Static Web Developer <a href="https://github.com/swanscon/treetop-insurance">https://github.com/swanscon/treetop-insurance</a>	2023
Developed a comprehensive insurance portal using React and React Router for streamlined navigation across various products and services. Integrated functional components for user contact forms and interactions.	
<b>FOMORE</b> Full-Stack Engineer <a href="https://gitlab.com/swanscon/fomore">https://gitlab.com/swanscon/fomore</a>	2022
Built a scalable back-end with FastAPI and MongoDB to create an itinerary builder that utilizes third-party APIs for search functionality and leveraged React and Redux to build a user-friendly front-end.	
<b>CarCar</b> Full-Stack Engineer <a href="https://gitlab.com/swanscon/carcar">https://gitlab.com/swanscon/carcar</a>	2022
Utilized Django as the framework to build a back-end for a car dealership application to manage service and sales of vehicles and used React to create a dynamic front-end with user-friendly search features.	
<b>Project Manager</b> Full-Stack Engineer <a href="https://gitlab.com/swanscon/project-manager">https://gitlab.com/swanscon/project-manager</a>	2022
Built a to-do list application with Django utilizing Django Templates and implemented user sign-up and login functionality with Django mixins.	

## JOB EXPERIENCE

<b>Web Developer Mentee</b> , Aston Technologies Inc	2023-2024
Completed coursework on modern software architecture. Agile methodologies implemented in daily standups and review sessions. Built microservice-based applications utilizing asynchronous communication and containerization.	
<b>Soundboard Operator</b> , Prairie Lutheran Church	2022
Assisted in software research and hardware development for large-scale audio productions, developing a deep understanding of how technology can be applied to solve complex problems.	
<b>Control Panel Builder</b> , EPG Companies Inc	2019 - 2020
Assembled panels by reviewing specifications and editing documentation, developing a meticulous attention to detail and the ability to work accurately and efficiently.	
<b>Shift Leader</b> , Jersey Mike's Subs	2014 - 2018
Provided customer-facing services while troubleshooting customer issues and concerns. Assisted in training of employees and maintaining a supportive and efficient workspace.	

## EDUCATION

<b>Advanced Software Engineering Certificate</b> , Hack Reactor	2022
Completed an immersive software engineering program focused on building working, scalable web applications in a team environment.	
<b>Audio Production Specialist AAS Degree</b> , Hennepin Technical College	2018
Became well versed in Analog/Digital Audio Workstations and Signal Processing, developing a strong foundation in technical skills and problem-solving.	