Craig M. Sirota

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Technical Skills & Languages

Python, Java, Javascript, Ruby, Rails, React, Flask, C, C++, HTML, CSS, SQL, CCL, XML, Maven, NPM, Git, Jira, Accessibility (WCAG 2.1), Jenkins, Docker, Android Studio, AWS EC2, Linux, Windows, MacOS

PROJECTS

Revenue Cycle Management - Oracle Corporation - (Oct. 2020-Present)

An application designed to simplify the registration, scheduling, and billing of patients at medical facilities or within medical networks

Add Appointment Plus Accessibility Uplift - React/Java - (April 2022-Present)
- Led the accessibility uplift of a complex workflow to meet the WCAG 2.1 standard, ensuring compliance and usability for users with disabilities.

Screen Reader Not Reading From Embedded Browser Investigation - (Oct. 2022-Jan. 2023)
- Investigated and resolved an issue with screen reader accessibility in the Add Appointment Plus project, documented findings, and recommended solutions to UX and regulatory personnel.

Location Based Scheduling - CCL - (April 2022-May 2022)
- Resolved a bug in the scheduling system that caused appointments to be scheduled for the wrong date in certain timezones, improving scheduling accuracy and user experience.

Location Description Enter Information - Java/SQL - (Jan. 2022-March 2022)
- Added a new feature that allows system administrators to select how users view location information, enhancing customization and user experience.

Kiosk Profiles Admin Build Tool Uplift - React/Ruby on Rails - (July 2021-Dec. 2021)
- Upgraded a Rails-based UI to a React-based UI using a Rails Engine, improving performance and usability for administrators.

Scheduling Security Server - C++ - (March 2021-June 2021)
- Developed a new feature for the security server that allows users to have "all" as a permission, reducing database size and increasing efficiency.

Manual Scheduling Uplift - React - (Oct. 2020-March 2021)
- Upgraded an existing scheduling feature from Java to React, allowing users to drag and drop appointments onto a schedule, improving usability and efficiency.

Automated Live Virtual Assistant Network (A.L.V.A.N.) - Flask/React - Personal Project - (Feb. 2020-Present)
- A custom home automation/virtual assistant network similar to a Google Home or Amazon Alexa, utilizing a custom linear regression machine learning algorithm to determine the proper response to user queries.
- Required a modular design to make new features work seamlessly in a "plug and play" style
- Currently the backend is deployed on an AWS EC2 instance, frontend on github pages

WORK EXPERIENCE

Software Engineer:

Oracle Corporation (formerly Cerner Corporation) - (July 2020-Present)
- Worked with stakeholders to produce software to satisfy their needs while putting out quality, tested code in a timely manner
- Participated in code reviews, making sure everything put out by the team was up to the company's high standard

Cofounder/Technical Producer/Team Manager:

College Band Radio - (June 2020-Dec 2022)
- Cofounder of a podcast discussing the college marching band world.
- Managed the logistics and scheduling of planning and recording, and oversaw the editing process to make sure episodes were ready to be released on time, up to our standards.

AWARDS

RCM (Revenue Cycle Management) Champion Award - Q2 2022
- Recognition of outstanding contribution to the success of Cerner Revenue Cycle

EDUCATION

Rutgers University - New Brunswick, NJ - B.S. Computer Science - 2020