

Brandon Matran

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Technical Skills

Programming | Python, JavaScript, SQL, HTML5, CSS, Bootstrap

Tools | Git, GitLab, GitHub, Docker, EPIC, RabbitMQ, JIRA

Front end | DOM Manipulation, React, React Hooks

Back end | Django4, PostgreSQL, MongoDB, FastAPI, REST API, Node.js, Mongoose

Application Development Experience

Anchor | [GitLab](#) | Full-stack software engineer | **Python, JavaScript, React FastAPI, PostgreSQL** 2023

- Increased code maintainability by refactoring legacy code using React hooks to ensure proper state management
- Delivered a minimum viable product on time, leading a team of varied strengths by utilizing **Agile** methodologies
- Established a **CI/CD** pipeline that incorporates **unit testing**, quality checks, and **deployment** via CapRover
- Used Git for version control and collaborated with cross-functional teams to ensure timely delivery of features and bug fixes

CourtVision | [GitHub](#) | Full-stack software engineer | **Python, JavaScript, React, Flask, CSS** 2023

- Ensured seamless data transmission by designing architecture of RESTful API functions in Flask to enable communication between the front-end and back-end
- Implemented a dynamic front-end search feature by utilizing conditional rendering and filtering to find and compare players and connected back-end logic to result in a player with superior stats
- Created a responsive and clean interface that adapts to different screen sizes and devices ensuring optimal user experience across multiple platforms by using **Bootstrap and CSS**

Symposium | [GitLab](#) | Full-stack software engineer | **Python, JavaScript, React, Django, Docker, CSS** 2022

- Allow for scalability and maintainability by restructuring **Django** monolithic architecture into separate microservices
 - Utilized **React Router** to convert app into **SPA** allowing seamless user navigation by eliminating page reloads and improving server performance by implementing client-side routing
 - Incorporated 3rd party APIs (Pexel/Weather) to provide relevant, high-quality pictures according to location and real-time weather data to tailor to user's current weather conditions with **anti-corruption layer system**
 - Designed responsive layout for mobile and desktop browser by using Bootstrap and CSS
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Professional Experience

Galvanize | Software Engineering Immersive Resident 2023 - Present

- Work within an **AGILE** full-stack team to implement a student feedback survey tracking student satisfaction on a daily basis and allowing instructors to view satisfaction scores in order to adjust their curriculum
- Mentor 70+ students on core Python and JavaScript concepts and basic computer science principles concepts within a team environment of up to three instructors and five teaching assistants
- Skillfully tackle and resolve up to 50+ help desk tickets weekly, encompassing a wide array of web development bugs and projects, ensuring prompt resolution.

Sutter Health | ICU/CVICU Registered Nurse 2015 - 2022

- Performed life-saving procedures on patients such as CPR, ACLS, and ventilation assistance
 - Acted as Superuser to provide technical assistance for **EPIC** EHR rollouts and collaborated with nursing informatics team to improve and optimize clinical workflow for end users
 - Maintained clear channel of communication with physicians and specialty care to provide exceptional patient care
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Education

Hack Reactor | Advanced Software Engineering Certificate 2023

San Jose University | B.S. Nursing 2013