

Colton Stecker

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PROJECTS

- All Star Events** | *Parks, weather, and events in a searched area* | *React · JavaScript · Python · Django* 2022
- Filtered relevant information to the users by selecting 5% of the data from JSON formatted files and storing it into a database using PostgreSQL and Python
 - Leveraged Eventbrite, OpenWeather, and the National Park Service APIs to precisely pull information based on user searches and display over 25 events and parks per user search using Django
 - Enhanced the user experience by 33% on average as reported by 6 users, by making the website responsive to the window size, using React and CSS for formatting
 - Developed qualitative code by creating unit tests and configuring continuous delivery and integration pipelines in GitLab using Docker and DevOps tools
- CarCar** | *Website that keeps track of sales and servicing of cars* | *Docker · PostgreSQL · Agile* 2022
- Designed a relational database of 15 tables in PostgreSQL that illustrates the relationships between cars, owners, mechanics, and salespeople using UML diagrams
 - Consolidated the software by real-time testing of a main application for the inventory of cars and 2 microservices for sales and service using servers running on Docker
 - Refactored and scaled sales microservice from 200RPS to 7,000RPS with 0.15% error rate and 75ms average latency time when querying a database with over 24 million records.
 - Improved the functionality and design of the application through hooks in React by working with a remote team of engineers, leading an Agile workflow, and planning sprints

EXPERIENCE

- Target** July 2022 - Present
Technology Team Leader San Francisco, CA
- Lead a team of 8+ employees to achieve the highest sales and profit goals in store's history, resulting in an award for Top Sales Team
 - Increased the amount of warranties added to product sales in my department by 60% over a 2 month period by using communication and leadership skills
 - Implemented best practices from software development into retail team management such as Agile methodologies which resulted in faster time-to-market with higher quality products
 - Improved inventory accuracy in my department by 23% over 9 weeks by using an auditing system
- Alexandra Savu Moving Images** Aug 2021 - Present
Fullstack Software Engineer Remote
- Built accessible features to increase engagement and improve user experience by developing pixel-perfect front-end code on a filmmaker's consumer facing website (HTML, CSS, JavaScript)
 - Designed unit tests on features to test functionality, prevent regression, and reinforce code base (Unit.js)
 - Increased customer's messages regarding filmmaking by 33% by implementing a contact form in PHP
 - Raised over \$1.5k in donations for making a new movie by maintaining the website and using SEO best practices to optimize marketing website

TECHNICAL SKILLS

Languages Frameworks: Python (Django), SQL (Postgres), JavaScript (React), HTML, CSS, APIs, MongoDB
System Design: Monoliths, Microservices, Domain-driven design, Event sourcing, CI/CD
Developer Tools: Git, Docker, VS Code, Visual Studio

EDUCATION

- Hack Reactor** 2022
Certificate in Software Engineering
- University of North Dakota** 2018
Bachelor's Degree in Business Administration