

# Colton Stecker

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## TECHNICAL SKILLS

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**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

## EXPERIENCE

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### 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

## PROJECTS

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### 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

### Record Keeper | Website that keeps track of sales and servicing of cars | Docker · PostgreSQL · Agile

2022

- Turned software requirements into a running application with Python and Django
- Built an interactive Web application using HTML and CSS to create, update, and delete a user, event, or record and deployed it to Heroku
- Stored and retrieved data related to fishing trips using a relational MongoDB database

## EDUCATION

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### Hack Reactor

2022

*Certificate in Software Engineering*

### University of North Dakota

2018

*Bachelor's Degree in Business Administration*