

Colton Stecker

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EXPERIENCE

Vital Images

2022

Fullstack Web Developer

Minneapolis, MN

- Built accessible product features to increase engagement and improve user communication by developing pixel-perfect front-end code on our consumer facing website (React, Node.js)
- Designed unit tests on features to test functionality, prevent regression, and reinforce code base
- Developed and architected Rest API endpoints for user management, pulling credit information, and document streaming (Postman, FastAPI)
- Wrote migration scripts to manage users, permissions, and credit data. (Python, Django)

Fishbowl Solutions

2020-2021

Frontend Software Engineer

Minneapolis, MN

- Designed, developed, integrated, and customized Oracle databases and web applications using front-end web development technologies (HTML/CSS, JavaScript, React, SQLite)
- Implemented content-focused solutions using my problem solving skills, including web content management, document management, and records management for a healthcare company
- Refactored more than 10,000 lines of legacy code to remove anti-patterns, increase code readability, and eliminate potential errors
- Improved customer satisfaction regarding their internal tools by 25% as measured by a survey by building a build a responsive portal for a construction project management system (MongoDB, Django)

Maverik Software Consulting

2018-2019

Software Quality Assurance Engineer

Minneapolis, MN

- Improved code quality by 34% by implementing testing including Smoke, Positive, Negative, Functional, Regression Testing, with attention to details
- Reduced the testing time by over 50% by creating a test automation framework using Cucumber with JUnit and CI/CD pipelines, based on Page Object Model design pattern
- Used XPATH and CSS locators for identifying web elements in Selenium WebDriver for UI automation
- Automated manual tasks using Powershell scripts that dynamically migrates folders and contextual metadata using the SharePoint API, increasing client's productivity by 17%

PROJECTS

All Star Events | *Parks, weather, and events in a searched area* | *React · JavaScript · Python*

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
- * Displayed over 25 events and parks per user search by importing APIs from Eventbrite, OpenWeather, and the National Park Service 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

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

University of North Dakota

2018

Bachelor's Degree