Jesse D. Shaw

JesseShawCodes@gmail.com ▪ 410.703.6125 ▪ Active Public Trust ▪ [Portfolio]

SUMMARY

- Full-stack developer with 11 years of experience supporting clients in the Federal and private sectors to drive performance, reliability, and scalability of customer-facing web applications.
- Skilled in designing and writing clean, User Interface (UI) code that traces to project requirements and sustains reliability.
- Effectively engages with development team and non-technical stakeholders to execute complex web development projects.

SKILLS & TOOLS

- Tools: Docker, Node Package Manager, Salesforce Commerce Cloud, Git, GitHub, Git Lab, Drupal
- Frameworks: Flask, React, and Ruby on Rails
- Languages: JavaScript, Node.js, HTML, CSS, Ruby, Python
- Databases: PostgreSQL, MySQL, MongoDB
- Libraries: Redux, jQuery
- APIs: REST, B2C Commerce API
- Survey Tools: Survey Monkey and MAX Survey.
- Software: Microsoft 365 (Teams, Word, Excel, SharePoint), Adobe Acrobat, Zoom, Skype, and Slack.
- Project Management: Agile principles, Scrum framework

PROFESSIONAL EXPERIENCE

JACOBS — FEBRUARY 2020 – PRESENT
SENIOR WEB DEVELOPER

- Collaborates with UX/UI team to create web-based applications for the U.S. Department of Defense, United States Air Force.
- Develops, tests, and troubleshoots new features for a Learning Management System (LMS) application built on a Ruby on Rails (Rails) framework.
- Developed features within all elements of the LMS application built on a Model, View, and Controller framework.
- Developed a Virtual Training Environment application on Rails 7 that uses a PostgreSQL database and turbo and stimulus gems.
- Built, managed, and maintained front end and back-end (full-stack) site features using coding best practices.
- Developed data management application built with a React framework and a Flask backend.
- Integrated a Drupal Content Management System into a Rails 6 application.
- Writes Data Migration code for Rails application.
- Writes integrations tests using Rspec, pytest, and Rails built in testing to ensure functionality prior to deployment.
- Attends and collaborates with UX/UI team members during daily standup meetings, Sprint reviews, and Sprint Retrospectives.

SOUTH MOON UNDER — OCTOBER 2018 – JANUARY 2020
WEB DEVELOPER

- Built, managed, and maintained front end site features and integrations using HTML, CSS, JavaScript, and jQuery coding best practices within Salesforce Demandware Business manager.
- Provided direction and guidance to creative/design team on UX and Mobile design best practices to implement within site content updates.
- Developed cross-browser, cross-device compatible pages adhering to industry best practices.
- Updated the back-end site features built on the Salesforce Commerce Cloud Pipeline Architecture, which included product feed jobs that built XML catalog files with demandware script files as well as payment functionality.
- Developed A/B tests using Monetate platform. Built and tested features that led to a 10 - 15% increase in conversion rate and a 15 - 20% increase in revenue generated per session.
- Implemented Search Engine Optimization opportunities for the brand, which included setting up structured data, tagging updates, and updating template files to serve needs of E-Commerce team to add appropriate content to the site within the Content Management System.
- Updated and managed site integrations with Monetate, Bronto, Channel Advisor, Facebook, Google Analytics.

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JESSE SHAW CODES (FREELANCE)	MAY 2018 – PRESENT

FREELANCE WEB DEVELOPER

- Developed React.js web applications to make desktop applications mobile friendly and implemented application functions using Redux.
- Integrated RESTful APIs in React.js application to enhance functionality and improve the user interface with real-time data fetching.
- Developed custom Wordpress themes incorporating client branding to ensure responsive design across all devices.

LAUNCHCODE (CONTRACT) `	OCTOBER 2018 DECEMBER 2018

WEB DEVELOPMENT JAVA INSTRUCTIONAL ASSISTANT

- Taught web development and Java skills to program learners using approved curriculum.
- Introduced and demonstrated the practical application of curriculum using exercises to reinforce concepts.
- Facilitated one-on-one sessions with program learners during office hours to assist with program concepts.

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS	JANUARY 2017 –OCTOBER 2018

SUBSTITUTE TEACHER

- Taught math according to lesson plan and curriculum requirements.
- Monitored and evaluated student performance following Anne Arundel County procedures and practices.
- Supervised students in a variety of school-related settings and activities.

OPTIMAL SOLUTIONS GROUP	SEPTEMBER 2013 DECEMBER 2016

PROJECT MANAGER

- Managed project activities and budget for a contract with the U.S. Small Business Administration.
- Effectively controlled personnel, materials, and equipment to manage the project budget. Tracked monthly utilization against budget projections to manage burn rates.
- Identified project risks, assessed impact to the schedule and budget, and developed mitigation strategies.
- Managed the development and timely submission of key deliverables (e.g., project management plan, work breakdown structure, etc.).
- Coordinated and facilitated client meetings and working sessions with key stakeholders.
- Created and launched the National Women's Business Council's GROW Her Business website built with WordPress.
- Designed, developed, and deployed surveys using Survey Monkey and the MAX Survey tool. These surveys supported research for Women's Business Centers, the Regional Innovation Cluster (RIC), and the ScaleUp Initiative and provided input to project findings.

EDUCATION

Chegg Skills (Formerly Thinkful), Washington, DC	2018
Full Stack Flex Developer Bootcamp	
University of Maryland, College Park, MD	2010
Bachelor of Arts in Economics	
Anne Arundel Community College, Arnold, MD	2008
Associate of Science in Physics	