

Jesse D. Shaw

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SUMMARY

- Full-stack developer with 12 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 project requirements and sustains reliability.
- Effectively engages with development team and non-technical stakeholders to execute complex web development projects.

SKILLS & TOOLS

PROGRAMMING LANGUAGES

- JavaScript, HTML, CSS, SCSS, Ruby, Python

FRAMEWORKS AND LIBRARIES

- Django, Ruby on Rails, Redux, React, jQuery

CONTENT MANAGEMENT SYSTEMS

- Drupal, Strapi, Wordpress

PROJECT MANAGEMENT FRAMEWORK

- Agile principles, Scrum framework

ADDITIONAL TOOLS AND PLATFORMS

- AWS, Docker, Figma, Webflow, Git,
- Node Package Manager, Salesforce Commerce Cloud, Bash Scripting
- Databases: PostgreSQL, MySQL, MongoDB
- APIs: REST, B2C Commerce API

PROFESSIONAL EXPERIENCE

AMENTUM (FORMERLY: JACOBS ENGINEERING)

FEBRUARY 2020 – PRESENT

Senior Web Developer

- Led front-end development for the UX/UI team, delivering responsive, accessible, user interfaces for web-based applications within the U.S. Department of Defense.
- Led front-end development for product relaunch landing page, including a Drupal CMS integration into a Ruby on Rails environment to enable dynamic content management.
- Implemented front-end architecture using Turbo, Stimulus, and ViewComponents to build interactive, performant user interfaces.
- Collaborated regularly with designers using Figma and Webflow to translate design prototypes into production ready interfaces.
- Developed multiple project dashboards and calendar interfaces using Hotwire (Turbo and Stimulus), FullCalendar.js, and SwiperJs.
- Advocate for front-end best practices in accessibility (WCAG compliance), responsive design, and modular component architecture.
- Implemented responsive layouts using CSS Grid, Flexbox, and SCSS partials with Rails ViewComponents.
- Optimized front-end load performance by refactoring asset pipeline and leveraging lazy loading.
- Built reusable UI components for a design system, enhancing consistency across multiple Rails applications.
- Developed and maintained automated UI and unit tests leveraging the Minitest framework to guarantee robust code quality.
- Actively contributed to Agile ceremonies – design reviews, sprint retrospectives, and daily standups – representing the front-end perspective.
- Developed data management application utilizing React for the front end and a Django backend.
- Design and implemented Rails models, controllers, and database schemas to support new front-end features, ensuring scalable data structures and efficient API endpoints.
- Streamlined application deployments to AWS infrastructure through collaborative efforts with DevOps teams, leveraging GitLab CI/CD for automated builds and releases.

SOUTH MOON UNDER

OCTOBER 2018 – JANUARY 2020

Web Developer

- Served as the sole front-end developer, collaborating closely with design, marketing, and operations teams to maintain and enhance the company's e-commerce experience.

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- Built and optimized responsive, mobile-first UI components using HTML, CSS, JavaScript, and jQuery within Salesforce Commerce Cloud (Demandware).
- Translated Photoshop designs into production-ready landing pages for promotional campaigns and seasonal events.
- Partnered with the creative team to ensure pixel-perfect UX/UI implementation and advised on web accessibility, responsive design, and UX best practices.
- Improved SEO performance and site speed, implementing structured data, meta-tagging, lazy loading, and template optimizations to boost organic visibility.
- Developed and tested A/B experiments using the Monetate platform, leading to a 10-15% lift in conversion rate and a 15-20% increase in revenue per session.
- Integrated third-party services (Bronto, Channel Advisor, Facebook, Google Analytics) and maintained cross-system data accuracy.
- Managed and optimized Commerce Cloud backend pipelines supporting product feeds and payment workflows, ensuring seamless integration between front-end and back-end systems.

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 to incorporate client branding, ensuring responsive design across all devices.

LAUNCHCODE (CONTRACT)

OCTOBER 2018- MARCH 2019

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

- Instructed 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 utilizing 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
<i>Full Stack Flex Developer Bootcamp</i>	
University of Maryland , College Park, MD	2010
<i>Bachelor of Arts in Economics</i>	
Anne Arundel Community College , Arnold, MD	2008
<i>Associate of Science in Physics</i>	