DANIEL WOODSON

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WEB APPLICATION DEVELOPMENT | SOFTWARE ENGINEERING | PRODUCT DEVELOPMENT

Web Application Engineer & Developer with more than 13 years of experience leading and supporting the creation, implementation, and support of web-based applications and web sites. Currently seeking roles as a Web Application Developer.

PROFESSIONAL ACHIEVEMENTS

- Contributed to well-known open-source projects, like Archive.org's Open Library

- Early hire in a successful IoT startup business focused on creating web applications that enabled users to control real-world landscape watering systems, developing solutions that saved over a billion gallons of water.

- Worked with Engineers on the Chrome development team to help them reproduce errors I uncovered with their Service Worker implementation.

- Developed analytics and mapping software for municipalities, building solutions used to aggregate, filter, and segment large numbers of watering controllers and data, creating the company's first subscription-based and B2B business.

- Collaborated with business partners including Google/Nest to define specifications for oAuth systems designed to integrate with third-party services and applications.

- Fulfilled roles as a product engineer, working in collaboration with product teams to prototype applications and features, organize development deliverables, and provide technical feedback informing the creation and release of software products.

- Certified AWS Cloud Developer.

- Delivered expertise to back-end teams, product and design teams, leadership teams, and customer service groups, using deep knowledge of software engineering operations and technology to strategically manage software product development and support.

PROFESSIONAL EXPERIENCE

DWELL - *Senior Software Engineer, Product Team (2022 - 2024)*

- Engineer core software and extended features for web-based applications, including upgrading tooling (webpack, react-router, eslint), creating user migration scripts for pricing changes, and creating new page templates for a site with 1 million MAU.
- Lead initiatives to update in-house editing software, enabling the inclusion of embedded tweets and truncated articles within dwell.com and Apple News.
- Develop tests to enable new software and web page testing functionality while eliminating performance roadblocks.
- Lead standups and mentor teammates.
- Coordinate updates to site and app capabilities, including implementing Google Pay and Apple Pay payment processing solutions, deploying new user analytics tools, and leading a migration to Google Analytics 4.

TECHNOLOGIES: AWS (CloudWatch), Cypress, Google Auth, Amplitude, React

SKIPIFY.COM | FORMERLY GOCART - *Senior Front-End Engineer (2021 - 2022)*

- Engineered and implemented a modernized codebase that aligned with current best practices in test coverage, proper usage of software hooks, and documentation.
- Coordinated software development project management activities, including leading the development of front-end charters, sprints, and retrospectives.
- Conducted vendor management to ensure that all third-party products and services aligned with immediate and future technical requirements.
- Advised business unit leaders and stakeholders regarding best courses of action for improving the performance and functionality of front-end architectures.
- Mentored and trained other front-end engineers, facilitating the development of a knowledgeable, high-performance engineering team.

  TECHNOLOGIES: TypeScript, Jest, Storybook, Segment.io

HUMAN/MACHINE - *Software Engineer / Independent Contractor (2020 - 2021)*

- Implemented new user management and login flow capabilities that streamlined system performance, improved security, and enhanced the manageability of user-facing systems.
- Managed all aspects of the software development lifecycle, including defining requirements, specifying systems, creating and testing software code, and implementing solutions in production environments.
- Evaluated software code to identify and capitalize on opportunities to refactor codebases, enhancing the efficiency of software code, reducing software bugs, and improving overall development processes.
- Worked closely with customer stakeholders to evaluate their unique operational and technical needs, aligning development deliverables to customer-defined specifications.

  TECHNOLOGIES: AWS (Cognito), TypeScript, Sentry, Asana

RACHIO - *Lead Front-End Engineer (2014 - 2019)*

- Managed a team in charge of developing e-commerce, marketing, analytics, and consumer applications for IoT products, working closely with the product team to prototype applications and features, organize work, and provide developer and user feedback.
- Built analytics and mapping software used by municipalities to aggregate, filter, and segment large numbers of controllers based on watering data.
- Migrated the company from a custom payment system to a hosted e-commerce platform, which reduced operational and costs while improving technical functionality and usability.
- Developed custom storefronts and data analytics tools analytics used to support and track the performance of academic research programs.

  TECHNOLOGIES: OAuth, Service Workers, AWS (Elastic Beanstalk), Material-UI, Storybook, Log Rocket, Sentry, Google Maps, Google Analytics, Asana, ngrok, Jest, Shopify

EARLY CAREER

MAGAZINES.COM - *Senior JavaScript Developer (2011- 2014)*

TENNESSEE CENTER FOR CHILD WELFARE - *Second Life Developer (2010 - 2010)*

EDUCATION

Bachelor of Science, Computer Science / Minor in Mathematics
MIDDLE TENNESSEE STATE UNIVERSITY

TECHNICAL SKILLS

React, AWS (Cognito, Elastic Beanstalk, CloudWatch), React-Router, Redux, Webpack, Jest, Slack, Jira, Asana, git, VS Code, Material-UI, JavaScript, Node, Typescript, HTML, CSS, Web APIs, Service Workers, Sentry, Log Rocket, ngrok, Amplitude, Segment.io, OAuth, HTTP, REST, Google Auth, Google Maps, Google Analytics