

# Shane Taylor

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## Technical Skills

**Strong:** Javascript (ES6+), React, Redux, Styled Components, React-Router, Formik, NodeJS, Express, RESTful APIs, SQL, NoSQL, Webpack, Git

**Experienced:** Bitbucket Pipelines, Firebase, TDD (Jest, Enzyme, Mocha, Chai), GraphQL, AWS (S3, CloudFront), Gatsby, Zeit, Now, Travis CI, YAML

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## Experience

**Codesmith** | Senior Software Engineer & Lead Instructor

**2019-2020**

- Migrated event configuration options from config files into a SQL database and integrated with express service via custom middleware streamlining the events management process
- Developed granular event filtering and sorting experience leveraging the Redux Form onChange API and the React-Router history API, increasing traffic to our public events listings.
- Leveraged Redux by lifting banner display from local state, preventing accidental duplication of banner displays while simultaneously enabling the use of a single banner component, improving developer experience as new features are added and reducing technical debt
- Successfully launched a new online program for the organization, focused on part-time learning while enhancing the immersive culture, block-driven development, and engineering empathy at the core of the Codesmith values
- Professed technical communication, engineering best practices, and core JavaScript concepts to online classroom of 20+ students
- Lead the organization on updating proprietary curriculum and instruction best practices to lead the industry in online learning
- Mentored new engineers through the onboarding into the Codesmith codebase, providing context and motivation for implementation details and improved the quality of on-going work through a detailed code-review process, improving the quality of pull-requests
- Consulted on a variety of open-source projects from ideation to launch, pushing teams to achievable scopes for viable products
- Led public JavaScript workshops to 80+ attendees weekly on closure, recursion, asynchronicity, OOP, and higher-order functions

**The Farm Project** | Front End Software Engineer

**2019**

- Implemented Redux-Starter-Kit mitigating prop-drilling in complex legacy codebase and improve code clarity while maintaining an extensible approach to state management on our rapidly growing e-commerce platform
- Engineered custom redux middleware reducing superfluous connections between asynchronous actions and side effects within *thunk* implementations and instead establish a clear, reducer-like solution improving maintainability of codebase
- Introduced Styled Components to codebase to mitigate growing concerns with the 'append-only' approach to CSS while also improving developer confidence, speed, and site performance
- Utilized Formik state management and Yup validation for checkout forms enabling a seamless user experience and developer workflow
- Established new Bitbucket pipeline between CI/CD and development environments improving accessibility to front end builds for QA team

**GLAAD** | Web Developer

**2015 - 2019**

- Integrated hosting platform to develop digital products and execute tests by managing staging environments and code deployment
  - Deployed Django to manage authentication and user-friendly administration interface on a performant, scalable framework
  - Utilized gulp.js to develop and deploy custom email designs with inline-CSS injection, improving open rates, clickthrough, and donations
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## Open Source

**Orpheus GraphQL** | Software Engineer

**2019**

- Published and maintained an NPM module that aims providing developers deeper insight into their GraphQL queries through extensive depictions of query and resolver relationships, allowing for in-depth effective runtime and query analysis
  - Leveraged React-Vis to dynamically generate SVG data and map the distinct relationships between GraphQL queries, resolvers, and results for subsequent analysis of performance and potential bottlenecks in complex GraphQL executions
  - Constructed NoSQL databases to store persistent data and prioritize data access speed, minimizing latency of database round trips and fortifying future horizontal scalability
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## Education

**Codesmith** | Software Engineering Residency

**2019**

**Eastern Washington University** | Bachelor of Arts in Social Work

**2008**

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## Interests

Playing the drums and bass guitar (not simultaneously) | Streaming a live show about board games on twitch.tv | Performing with my improv team