SEAN RYAN | FRONT-END DEVELOPER | NYC

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TECHNICAL SKILLS

Strong: React, Node, Express, JavaScript, jQuery, CSS, Sass, Git, SQL/NoSQL databases, Sequelize, RESTful APIs, TDD/BDD (with Mocha, Jest, and Jasmine)

Experienced: Angular, Webpack, Babel, Mongoose, Context API, React Hooks, SVG, OAuth, JWTs, Accessibility, AWS, Heroku, GraphQL, WordPress, CSS animation, Shell/Bash, Python, ColdFusion, VBA

EXPERIENCE

13milliseconds | Front-End Developer | *2019 – Present*
- Used React's declarative architecture and state management patterns to develop an interactive quiz that tracks a user's input and determines an end result based on weighted responses
- Implement designs from Figma wireframes using Sass and React styled-components

Leieren Learing Systems | Front-End Developer | *2019 – Present*
- Develop interactive UI features and custom landing pages on the Cornerstone OnDemand CMS using HTML, CSS and vanilla JavaScript

Association for Computing Machinery | Digital Communications Coordinator | *2015 – Present*
- Hand code, deploy, and A/B test responsive HTML emails delivered to ACM's global membership
- Use HTML, vanilla JavaScript and CSS to build and maintain internal-facing forms that allows ACM employees to interact with endpoints on the ACM Digital Library's ColdFusion database
- Automate social media content generation by writing and maintaining vanilla JavaScript DOM injection scripts that access and display research article titles, authors, and URLs in the form of publishable tweets
- Use Excel VBA to develop custom worksheets for analyzing social media reach, engagement, and sentiment data

SIS International Research | Senior Project Manager | *2012 – 2015*
- Developed custom data entry forms using VBA and UserForm in Excel
- Helped implement a custom WordPress theme for the company website

PROJECTS

Think Tank | *Real-time chat application build with React and Firebase* | *Source Code* | *App Hosted on Netlify*
- Implemented a Firebase Realtime Database to store and relate user, room, and message data objects
- Leveraged React's component lifecycle methods to continuously update component state with data retrieved from the Firebase REST API, allowing all logged-in users to see updates in real time
- Implemented a sign-in flow allowing users to access the app with their Google, Facebook, Githhub and email credentials using FirebaseUI
- Wrote event methods within React components that allow users to perform CRUD operations on database objects

Pickipedia | *Allows users to create and save public and private Markdown-based wikis* | *Source Code* | *App Hosted on Heroku*
- Used the Sequelize ORM to define and migrate models to a Postgres relational database
- Implemented Express to bootstrap servers for both development and production environments; leveraged Express libraries including Router for HTTP request handling and Validator for sanitizing user data
- Built a secure authentication flow using bcrypt to store user passwords as hashes and Passport to implement a stateful session-based authentication system
- Wrote full integration and unit test coverage with Jasmine to ensure that intended front-end functionalities were maintained through new feature rollouts

EDUCATION

Hamilton College, BA
Bloc, Full-stack web development certification
NYU School of Professional Studies, Front-end web development foundations

WRITING

- "A Quick and Dirty Guide to the Call, Apply and Bind Methods" *(Dev.to, May 20, 2019)*
- "'Non-technical' is not a thing" *(Dev.to, April 7, 2019)*