

Bryant Wong | Software Engineer

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Languages: JavaScript, Python, Typescript, SQL

Front-End: React.js, Redux, Bootstrap, Zustand, Hugo, HTML5, CSS3, SASS, jQuery, Typescript, Nextjs, Nextjs

Back-End: Node.js, Express.js, Django, SQL, Postgres, MongoDB, GraphQL

Tools And Services: Heroku, Amplitude, Figma, Github, Docker, Twilio, Google Analytics, Zapier, SendGrid, Builder.io, StaticCMS, Datadog, Firebase, Jira

Professional Experience:

Software Engineer (Temporary Contract) | April Tax Software Oct 2023 - Nov 2023

- Translated tax forms and instructions into executable Python code, achieving project completion ahead of schedule.
- Conducted thorough testing of software output, ensuring accuracy and reliability, and developed testing helper functions to enhance testing efficiency.
- Collaborated with finance/tax experts, product managers, and engineering teams to enhance and optimize internal tools.

Software Developer | Splendid Spoon Feb 2022 - Sept 2023

- Employed the React Framework with JavaScript and TypeScript to develop responsive and user-friendly e-commerce web applications from Figma designs, improving customer retention by 10% with several feature releases.
- Utilized SASS with Bootstrap styling to implement UI designs, creating or maintaining 25+ pages and email templates.
- Created and maintained Redux and Zustand state managers with memoized selectors and optimized data fetching.
- Built RESTful APIs in Python with Django Rest Framework for data exchange with PostgreSQL database and built Python scripts for automated data changes for 8,000+ users.
- Wrote unit tests for the back-end with Django unit test and front-end Jest to ensure code quality, increasing front-end test coverage by over 10%.
- Integrated 3rd-party APIs like Stripe payment processing and Google Maps, enhancing application functionality.
- Integrated data tracking tools such as Google Tag Manager, Segment, and Datadog, and used the data to build dashboards for cross-team reporting and monitoring.
- Utilized the Hugo static site builder with Golang templating to create web pages, creating or maintaining 20+ pages.
- Configured Slack workflows and Zapier webhooks, automating several daily tasks for cross-functional teams.
- Ensured user inclusivity by adhering to accessibility standards, ensuring pages are screen reader friendly using native HTML tools.
- Updated Shopify e-commerce site's front-end theme and emails, contributing to large site rebrand completion.
- Developed SQL queries to generate reports for data analysis, leading to multiple product and process changes.
- Optimized front-end render time and back-end caching, resulting in a 25% reduction in loading time.

Full Stack Developer | Freelance Aug 2021 - Jan 2022

- Created visually appealing and responsive portfolio websites using Reactjs with Redux or Django Templating.
- Developed Node.js APIs utilizing the Express Framework with MongoDB NoSQL to save and process data.
- Developed Python servers with Django for native user authentication and data management.
- Collaborated closely with the client to capture their vision and requirements, delivering a customized solution.
- Managed the entire project lifecycle, from design to deployment, meeting client expectations and timelines.

Senior Ads Associate | FP1 Strategies Jun 2020 - Apr 2021

- Launched over 20 Google Ads marketing campaigns per week with typical budgets of over \$100,000 per week.
- Optimized Digital Search Advertising to maintain an over 90% audience viewership while reducing cost by over 30%.

Projects:

Splendor Board Game

(Nextjs, Nodejs, Express, TypeScript, Zustand, Javascript, MongoDB, NoSql, TailwindCSS)

Created an application where users can play the resource management board game Splendor(similar to Catan)

- Utilized Nextjs server and client components with Zustand State management to create a multi-player board game.
- Developed a Nodejs server to save users and allow for multiple games to occur simultaneously
- Configured web sockets with Socket.io to allow real-time gameplay.

Trivia App

(Reactjs, Redux, Nodejs, Javascript, Typescript, MongoDB, NoSql)

Created an app where users can play trivia quiz games of various difficulties, save scores, and see top-ranking players.

- Used React Hooks and Typescript to create and render page components.
- Developed Redux global store to save user information and create authentication features.
- Implemented a RESTful API JavaScript Express Nodejs back-end with a MongoDB database to store user scores, ranks, and quiz data information.

Education:

General Assembly/ Software Engineering Immersive June 2021 - Sept 2021

Graduated from a full-stack software engineering immersive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

University At Buffalo / B.S. in Business Administration, Concentration in Marketing and Human Resources Aug 2016 - June 2019