

BENJAMIN YANNELLA Frontend Software Engineer

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SKILLS

Core Stack Typescript, Node, React, Redux, Webpack, RESTful Integration, Storybook, HTML/CSS, SASS
Proficiencies SQL/MySQL, NoSQL/Mongo, GraphQL, Python, UI/UX, SSG, Gulp, Git, Figma, TDD, Jasmine

EXPERIENCE

Innovative Defense Technologies Software Engineer II February 2022 - November 2022

- Led the planning and development of a webapp using React, Redux and Typescript, which enables a user to graphically build complex queries against a Postgres database, eliminating the need for the user to know or use SQL.
- Frontend lead of an application that allows a user to view and control Jenkins and VM instances on the fly, including the ability to perform CRUD operations on configuration files through an inline editor using Microsoft Monaco.
- Tasked with standardizing the architecture patterns for existing frontends, including the transition from object-oriented to functional paradigms, as well as enforcing a project structure based on bulletproof-react.
- Developed and implemented updates to various internal libraries utilizing React, Typescript and Storybook. Authored a calendar library, replacing an outdated dependency, which provides the ability to dynamically customize its behavior, appearance, and event delegation.

Surf Air, Inc. Frontend Software Engineer April 2020 - October 2021

- Planned, built and maintained the front end solution with Node and GraphQL for a dynamic SEO page generation tool used by the marketing department, resulting in a lead-conversion rate of 0.79% and a click-through rate of 29%.
- Conceptualized, scoped and produced a proof-of-concept CMS using Node, React, Gatsby.js and Storyblok that allowed for the distribution and administration of the marketing departments web presence in a single environment.
- Developed and implemented a comprehensive SSG using Node, Gulp, and Nunjucks.js to maintain and distribute the companies' client-facing websites via a pipeline using Github and Jenkins.
- Coordinated inter-departmentally to scope, produce and maintain tools, while pairing with others engineers to build solutions and tackle technical issues as they arose.

Independent Contractor 2016 - 2020

- Conceptualized, produced and maintained client products using CMS's like Hubspot and Mailchimp, custom themes for Wordpress, and technologies like Electron, React, Vue, and even framework-agnostic JavaScript.
- Explored and applied various frameworks and libraries while working with clients such as AT&T, NBC, Unisys and BusinessWire, along with small businesses and seed to early-stage start-ups.
- Coordinated with up to five clients at a time to their address individual concerns as well as stay on schedule with deliverables and deployments for anything from proof-of-concepts and prototypes to product launches.

EDUCATION

Tyler School of Art, Temple Uni. 2012 - 2016 Bachelors Degree in Graphic & Interactive Design

Community College of Philadelphia 2010 - 2012 Associates Degree in Fine Arts

ADDITIONAL

OSSU September 2022 - prospective 2025 Self Guided Curriculum in Computer Science

Community College of Philadelphia May 2021 Networking, Programming in Python

freecodecamp May 2021 Back-end and API Certification