Sean Yalda

Software Engineer | seanyalda@gmail.com | (586) 295-4265 | https://www.linkedin.com/in/sean-yalda | https://github.com/Seanathon

TECHNICAL SKILLS

Strong: Javascript (ES5+), React.js (Hooks, Router, Conditional Rendering), Redux.js, Next.js, Node.js, Express.js, SQL (PostgreSQL/Pool), No-SQL (MongoDB/Mongoose), RESTful APIs, Web APIs, Git (GitHub, GitLab), GraphQL (Apollo), Webpack, Agile/Scrum, Jira, OOP & FP, Linux Server Administration, UX, UI (HTML, CSS/Sass), Information Architecture, Headless CMS, Graphic/Product Design, Cookies, Googling

Experienced: AWS (EC2, S3, RDS), Digital Ocean/Linode, DNS, Docker, Test Driven Development (Jest, & Enzyme), CI/CD (TravisCI & CircleCI), Typescript, JQuery, C#, PHP, WordPress, Isomorphic/Universal Apps, SEO, Web Accessibility, JWT

EXPERIENCE

Software Engineer | OSLabs | GraphQL Blueprint: An Open Source Developer Tool for Modeling GraphQL Apps | **January 2021 – Present**
- ★ Produced an application that allows users to automatically generate GraphQL schemas, queries, and mutations along with both NoSQL schemas or SQL build scripts to streamline the process of initializing a GraphQL application, and constrain user entries to prevent errors.
- ★ Leveraged Redux for global state management, adhering to Flux & observer patterns to establish a single source of truth for frequently referenced and manipulated pieces of state and the flux paradigm to eliminate multi-layer prop-drilling of hierarchical components
- ★ Created parsing algorithms to dynamically generate deeply nested code and create database types, tables, and field inputs, while preventing the application's main execution thread from being blocked when writing files to the client.
- ★ Implemented unit tests with Jest, CI/CD pipelines from GitHub (CircleCI) to AWS EC2, and peer code (PR) reviews for QA.

Technical Product Manager | FACINGS, Inc. (facings.io) | **April 2021 – Present**
- ★ Prototyped & Tested SaaS product that allows FACINGS' customers to build their own websites using a Shopify-like experience:
  - ○ Using Next.js/Redux/Node.js to create a component-driven WYSIWYG admin dashboard and drag + drop store builder.
  - ○ Designing the system for an on-demand NFT asset creation API using the WAX Network/Blockchain for sale of digital goods.
- ★ Serviced numerous clientele by deploying marketing websites that utilize the above technology until its open beta release.

Web Development Manager | Play Versus, Inc (playvs.com) | **January 2017 – March 2021**
- ★ Used Information Architecture practices to strategically model a component-driven (CBA) UI via a headless CMS (Prismic) API to deliver a responsive website (composed of pages, posts, API data, components) the marketing team could utilize for growth initiatives.
- ★ Developed a SPA with Next.js, a React framework to utilize Server Side Rendering (SSR) (essential for SEO on SPAs), Universal Rendering (for fast client-side navigability), automatic code-splitting, and HMR to preserve state as we develop and test components.
- ★ Integrated marketing website with the PlayVS league engine (product) via REST API to serve regional data to the public using a dynamically rendered template without logging in.
- ★ Utilized DevOps/IA practices (agile development, to create a scalable and streamlined strategy to execute for a team of 4 engineers).
- ★ Used AWS's Elastic Beanstalk with CloudWatch to monitor server logs for CI/CD pipelines, continually improving them.
- ★ Created & maintained documentation and diagrams of dev infrastructure for easy maintenance, onboarding, and enhancements.

UX/UI Engineer & Front End Developer | Pitch Black Media (PBM) (pitchblackmedia.com) & DNDLN | **October 2013 – January 2017**
- ★ Frequently deployed MVC architecture-based apps for clientele to effectively organize their business logic, data, and views.
- ★ Created custom adaptable & device responsive theme/plugins for PBM with training videos to employ for each customer's website (PHP/WordPress) cutting team's development time by at least 33%.
- ★ Designed & front-end developed (HTML/CSS/JS/PHP/C#/SQL) across many industries creating apps for clients like University of Michigan (alumni.umich.edu), Sun Communities (suncommunities.com), Michigan Science Center (mi-sci.org), City of Detroit's Land Bank Auction Platform (buildingdetroit.org), Easter Seals' Employee Intranet (easterseals.com), 8° Plato (8degreesplato.com), and more.

Advanced Web Design Lecturer | Oakland University | **August 2016 – January 2017**
- ★ Mentored 15 undergraduates majoring in Graphic Design on the fundamentals of Web Design (DES330).
- ★ Constructed a new syllabus of over 160 hours of combined class time and homework to give students an understanding of how to design and develop in the world wide web and its industries.

PUBLIC TALKS

Fundamentals of Data Modeling (Why it matters & How to get started) | SingleSprout Speaker Series

EDUCATION

Art Institute of Detroit | Oakland Community College | Grand Circus Detroit | Codesmith

INTERESTS

Open Source | Photography | Camping/Hiking | Travel | Guitar/Drums | Blockchain | Chess | Super Smash Bros | Fitness | Reading/ Writing/Illustration | Animals (2 cats) | Comic Books | Woodworking | Design | Settlers of Catan | Concerts | History | Typography | Culture