Josh Adrian Trinidad

Senior Fullstack Engineer

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Summary

Senior Fullstack engineer with **9+ years of experience,** primarily in **startup** environments, specializing mostly in **React/Typescript**. Well-organized and collaborative team player with strong communication and analytical abilities, as well as a hard and efficient worker and self learner. Desiring to use previous software experience to obtain more opportunities for work to gain knowledge and growth as a scientist and creator.

Skills

- **React (6+ years)** - **React 18^**, **react-router-dom**, **moment**, **styled-components**, **ESLint**, **MaterialUI**, React Toastify, **Prettier**, docx, **lodash**, immutable, **formik**, **yup**, **react-hook-form**, **GatsbyJS**, **Framer**, **D3**, SVG Icon conversion, absolute imports, lazy loading, suspense, caching
- **Javascript / Typescript (9+ years)** - **ECMAScript 2023^, semantic code** Promises, Classes, Modules, Objects, JSON, DOM Manipulation, async/await, fetch, generator functions, promises, Types, Interfaces
- **NodeJS (6+ years)** - **Node 18^, npm**, **Webpack**, package.json, package-lock.json, node_modules, scripts, ECMAScript Modules
- **Build Tools (6+ years)** - **Vite**, **create-react-app**
- **Redux (6+ years)** - **Redux**, **React Redux**, **Redux Toolkit**, **Redux Saga**, **Redux Thunk**
- **HTML & CSS (9+ years)** - **HTML5**, **CSS3**, **Flex Box**, **Flex Grid**, **Fluid Typography/Spacing**, **clamp()**, **calc()**, **var()**
- **AWS (6+ years)** - **Lambda**, **AppSync**, **Amplify**, **S3**, **Cloudfront**, **AWS Certificate Manager**
- **SQL / NoSQL (9+ years)** - **PostgreSQL**, **MongoDB**, ORMs (Mongoose, Sequelize), ERDs
- **Git (6+ years)** - **Github**, Git Bash, Git Commands, Branching, Cloning, Forking, Pushing, Pulling, Merging.
- **Google (6+ years)** - **Google Firebase, Google Domains**
- **UI/UX (6+ years)** - **Figma**, Wireframes, Prototyping
- **GraphQL (6+ years)** - **Apollo GraphQ**L (Setting up Schemas, Creating Queries, Creating Mutations, Creating Subscriptions)

- **Testing (9+ years)** - **Jest**, **Playwright**, **React Testing Library**, Test-Driven Development/TDD, Behavior-Driven Development/BDD, Red/Green/Refactor, Unit Testing, E2E Testing
- **Frontend Development (9+ years)** - **WACG Compliance**, **a11y**, **Postman**, **HTTP Methods**, **AJAX**, **RESTful Architecture**, **WebSockets**, **Micro Frontends**, **semantic code**, **Responsive Web Design**, **Single Page Applications (SPAs)**, **Server Side Rendering (SSR)**, Memoization, **Web Security**

Work Experience

Senior Software Engineer - GoodCode, Atlanta GA, Remote

OCT 2023 - NOV 2023

Used **Typescript** and **React** to build out new features for data edtech startup Empath. Features included image/video/file uploading using Uppy, whether it be a single image or multiple file downloads. Helped build out **AWS Amplify** for the backend, a fuzzy searched autocomplete global search bar for the entire app and accompanying search results page, and built out Dashboard/Courses. Built an entire marketing website for cybersecurity startup Crucyble from the ground up using **React** and **Typescript, GatsbyJS** and **Netlify**, which included **mdx** integration for blogpost and animations using **aos** library. Migrated the entire GoodCode website from **Gatsby Cloud** to **Netlify** as well as minor bug fixes and maintenance.

Senior Fullstack Engineer - LaborWorx, Atlanta GA, Remote

AUGUST 2022 - AUG 2023

Used **Typescript** and **React** to build the entire frontend and its architecture, developing every module of reusable UI components in **WACG Compliant** and **semantic code**, promoting consistency across the project, essentially developing all of the frontend on my own on our team of three with the help of the backend developers and PM as the QA/testers for industry-changing work/hire platform LaborWorx. Designed and developed responsive user interfaces using **React** and **Figma**, sometimes with the collaboration of third party UX designers. Created new data types and columns in the backend in **PostgreSQL**, and also collaborated with internal backend developers to integrate frontend interfaces with **Apollo Graphql**. Collaborated with a third party mobile development team on data/user flows via Slack. Pair programmed and guided fellow team members on **React/Typescript** and general frontend development paradigms and best practices. Optimized application performance, identifying and resolving bottlenecks through code optimization and performance tuning. Created Actively participated in **Agile** development processes, including daily stand-ups, sprint planning, and retrospective meetings. CEO/Leadership team meetings to discuss future aspects of the project and future work. Notable features: Job/Requisition form that even filled

Workers Comp codes and day/night shift pays and per diem. Autocalculated Finances from said job/requisition form, that leads to a one-click generation of a SoW (statement of work) which expedited the business process for staffing a client to be almost immediate. Two different signup/signon interfaces and flows, automated emails/texts, entire CRM dashboard for both admins and users, and external facing features and future planned architecture to slowly turn the CRM to be similar to LinkedIn.

Senior Fullstack Engineer - ImagineX, Atlanta GA, Remote

AUGUST 2022 - APRIL 2023

Built and designed new features of a client project as well as streamlined/reworked old user flows and business logic in **React**, in **WACG Compliant** and **semantic code**. Created new **UI/UX designs** for the project in **Figma**. Guided and pair programmed other contracted Mid Level engineers on **React/Typescript** and general frontend development and best practices. Setup and configured **Jest** for the project, migrated existing components into modularized files with their own test folders, wrote tests for unit/integrated testing. Re-architectured frontend and helped with backend transition from **Amplify** to **PostgreSQL** and a custom backend. Client-facing meetings to discuss future aspects of the project and future work.

Contract Software Engineer - Winnona Partners, Atlanta GA, Remote

JULY 2021 - MARCH 2023

Created In-House Trello Board using **React**, **Redux**, **styled-components**, and **GraphQL** on the **AWS Amplify** framework with **NodeJS**, written in **semantic code**, which is currently used by the company for outlining features and bug fixes for projects. Was a part of an existing client project to work on a mortgage **CRM** used by a mortgage company that specializes in mortgage loans for veterans. Added new features and bugfixes, as well as redesigned entire pages, including but not limited to automated emails, filtering and pagination, load optimization on the frontend, and overall **UI/UX**. Redesigned entire pages using **MUI**, **React**, and **styled-components**. Wrote **AWS Lambda** function for handling events, tested on **AWS Console** and sending automated emails. Wrote auto generated event history using **deep-diff** npm. Refactored many constants and utility functions to match current client requests. Wrote code-splitting **React** containers that lazy load components. Wrote custom hooks and utility functions. Used **lodash** for algorithms for **GraphQL** mutations that clones, modifies, and updates cache locally alongside updating the backend. Paginated/Filtered **GraphQL** queries if needed. Used **Github** and **BitBucket** for source control via **git** cli. Wrote **jest** tests for testing component rendering as well as utility functions using **@testing-library/react** and **@testing-library/jest-dom** utils. Wrote new schemas for **Amplify GraphQL** and generated queries/mutations. Updates to **DynamoDB**. Worked/Configured with ESLint.

Contract Software Engineer - Big Pixel, Atlanta GA, Remote

MARCH 2020 - JULY 2020

Frontend work in **React**, **Typescript**, and **Redux** for a small tech consulting company that primarily markets specialization in good **UI/UX**. Worked with client GrammarFlip, a teaching application. Migrated application to newer version of **create-react-app** and **Typescript**, refactored old **Typescript** to pass **TSLint** and **ESLint**, created interfaces and custom types. Created new diagnostic features for teachers and students using **Redux** and **Typescript** and **NodeJS**. Written to be **WACG Compliant** and in **semantic code**. Worked on NDA project using **Redux Saga** and **Typescript** and **NodeJS** for making a scalable social media application that is **WACG Compliant** in **semantic code**, with other third party libraries (such as **Cloudinary**, **styled-components**, **tailwindcss**, **semantic-ui**, **reselect**, react for google/facebook logins).

Contract Software Engineer - Noble Systems Corporation, Dunwoody, GA

JUNE 2015 - JANUARY 2018

Used **CentOS virtual machines** for **Docker** containers for writing, reviewing, and running automated tests written in **Python(2.7)**. Such as a testing environment called Standalone, a simulated call center environment with virtual agents. Wrote **PostgreSQL database SQL** scripts for adding/updating data and creating tables/indexes as well as database migrations. Used **Team Foundation Server (TFS)** as source control to checkout code, commit code, and view history, like refactoring old code to work with current systems. More responsibilities include: making rpm builds through **Jenkins** before releasing to QA, updating tickets through internal bug tracker, and updating/creating internal wiki/documentation pages for the Research and Development department.

All Skills/Experiences

- **React (6+ years)** - **React 18^**, **react-router-dom**, moment, **styled-components**, **ESLint**, **MaterialUI**, React Toastify, **Prettier**, Uppy, **GatsbyJS**, **D3,** docx, lodash, immutable, **formik**, **yup**, **react-hook-form**, SVG Icon conversion, absolute imports, lazy loading, suspense, caching
- **Javascript / Typescript (9+ years)** - **Promises**, Classes, Modules, Objects, JSON, DOM Manipulation, **async** / **await**, **fetch**, generator functions, **Types**, **Interfaces**
- **NodeJS (6+ years)** - ver 18^, npm, package.json, package-lock.json, node_modules, scripts, ECMAScript Modules

- **Build Tools (6+ years)** - **Vite**, **create-react-app**
- **Redux (6+ years)** - **Redux**, **Redux Toolkit**, **Redux Saga**, **Redux Thunk**
- **AWS (6+ years)** - **Lambda**, **AppSync**, CodeCommit, CodePipeline, Amazon Pinpoint, Cloud Formation, **Amplify**, **S3** bucket, AWS Console, Amazon Route 53, Cloudfront, AWS Certification Manager
- **UI/UX (6+ years)** - Figma, Wireframes, Prototyping
- **GraphQL (6+ years)** - **Apollo GraphQL** (Setting up Schemas, Creating Queries, Creating Mutations, Creating Subscriptions)
- **Testing (9+ years)** - **Jest**, **Playwright**, Test-Driven Development/TDD, Behavior-Driven Development/BDD, Red/Green/Refactor, Unit Testing, E2E Testing
- **Google (6+ years)** - **Google Firebase, Google Domains**
- **Frontend Development (9+ years)** - **WACG Compliance**, **a11y**, **Postman**, **HTTP Methods**, **AJAX**, **RESTful Architecture**, **WebSockets**, **Micro Frontends**, **semantic code**, **Responsive Web Design**, **Single Page Applications (SPAs)**, **Server Side Rendering (SSR)**, Memoization, **Web Security**
- **Backend Development (6+ years)** - **Entity Relationship Diagrams (ERD)**, Database Schemas, Data Models, **APIs**, **Databases**, servers, **Web Security**
- **Collaboration Tools (9+ years)** - **Slack**, **Discord**, **Microsoft Teams**, **Microsoft Outlook**, **Google Meet**, **Google Workspaces**, **Zoom**, **Jira**, **Confluence**, **Linear**
- **Python (3+ years)** - Modules, Classes, **Python3**, **Python2.7**, Functions, Dictionaries, Django (configuration)
- **Linux (9+ years)** - **Unix**, **CentOS**, **Ubuntu**, Linux Command Line, Vim, Grep, Shell Scripting, Systemd Files
- **HTML & CSS (9+ years)** - **HTML5**, **CSS3**, **Flex Box**, **Flex Grid**, **Fluid Typography/Spacing**, **clamp()**, **calc()**, **var()**
- **SQL** / **NoSQL (6+ years)** - **PostgreSQL**, **MongoDB**, Relational Databases, Nonrelational Databases, ORMs (**Mongoose**, **Sequelize**), ERs
- **Go (<1 year)** (syntax, no professional experience)
- **Git (6+ years)** - **Github**, Git Bash, Git Commands, Branching, Cloning, Forking, Pushing, Pulling, Merging.
- **IDEs (6+ years)** - VSCode, notepad++, vim
- **Docker (3+ years)** - Pulling, Running, Killing, Provisioning, Kubernetes (currently learning)
- Computer Assembly **(15+ years)** - All Parts to Full Build
- Virtual Machines **(9+ years)** - **VirtualBox**, **MobaXterm**
- Experience / Paradigms **(9+ years)** - **Object-Oriented Programming**, **Functional Programming, Data Types**, **Data Structures and Algorithms**, **Big O Notation**, **Agile Methodologies**, Heroku, Netlify, Expo

Education

General Assembly (Code Bootcamp), Atlanta, GA

Software Engineering Immersive Cohort 24
SEPTEMBER 2019 - DECEMBER 2019
A 3 month long code bootcamp focused on fullstack engineering. Built rich, interactive, full-stack apps and dove into algorithms, data structures, design patterns, APIs, and more. Used **HTML5**, **CSS3**, **JavaScript**, **Python**, **Django**, **React**, **Express.js**, **PostgreSQL**, **MongoDB**, and more, as well as PaaS such as **Heroku** and **AWS** for deploying our applications.

Georgia State University, Dunwoody, GA

BS in Computer Science (not graduated)
AUGUST 2015 - JANUARY 2018

Cross Keys High School, Atlanta, GA

High School Graduate
AUGUST 2011 - MAY 2015