

106 E 6th St Ste 900-834, Austin, United States, 78701

sambasswork@gmail.com

512-333-2899

SAM BASS

FULL STACK DEVELOPER

PROFESSIONAL SUMMARY

- Experienced Full-Stack Software Developer with over 7 years of expertise in crafting front-end and back-end applications across diverse sectors, including entertainment, finance, healthcare, and automotive. Mostly been working on rewrites of applications to newer frameworks or brand-new software for enterprise-level applications.
- Recognized as an adept team player, communicator, and adept problem-solver.
- Passionate and knowledgeable about programming and exploring new technologies
- Highly motivated, disciplined, persistent, focused, and open-minded.
- I love to learn as much as possible to be a valuable asset to any company I might work for.
- Seeking a full-time/contract remote role to channel my skills and drive the success of a forward-thinking company.

EMPLOYMENT HISTORY

JUL, 2022 - JUL, 2023

Walt Disney Animation Studios, Senior Software Engineer , Los Angeles, CA (remote position)

Contract via Insight Global

Project Description:

Rewriting Coda application from Angular JS to React JS using hooks. Coda is an intrinsic dashboard application used by Walt Disney Animation Studios. Its primary function is to provide real-time progress tracking of animation rendering. Once animations are dispatched to Disney's high-performance supercomputers for rendering, Coda becomes an essential tool for internal designers and artists, enabling them to monitor rendering progress, anticipate completion times, and detect potential issues.

- **Front-end Development:**
 - Utilized JavaScript (ES6) to create efficient and contemporary UI components.
 - Expertly incorporated the ReactJS library, emphasizing a component-based architecture for reusability and maintainability.
 - Employed React Hooks, streamlining state management and lifecycle events within functional components.
 - Enhanced code reliability and predictability by integrating TypeScript.
- **Back-end Development:**
 - Designed and implemented resilient endpoints using Spring Boot, ensuring scalability and high availability.
 - Integrated Elasticsearch for real-time data indexing and complex search capabilities, optimizing the system's responsiveness when retrieving and rendering progress data.
- **Deployment:**
 - Managed application deployments on Amazon Web Services (AWS), leveraging its cloud capabilities to ensure seamless release cycles and high availability.
- **Migration and Enhancement:**
 - Spearheaded the migration of the Coda application from AngularJS to ReactJS. This strategic decision was made to leverage React's virtual DOM, enhancing the dashboard's performance, especially for real-time data updates.
 - Collaborated closely with UI/UX designers to ensure the revamped application provided an intuitive and user-friendly experience to the studio's internal designers and artists.

Technology Stack:

- Front-end with AngularJS for one application and for the other used Javascript (ES6) with framework ReactJS w/ TypeScript & NextJS & GraphQL & TailwindCSS.
- Back-end worked with Java with SpringBoot.
- Database modifications using PostgreSQL.
- Deployment AWS

SKILLS

NodeJS
Redux
ReactJS
MongoDB
AngularJS
NextJS
HTML & CSS & TailwindCSS
Java Spring Boot
OracleSQL
PostgreSQL
XML & JSON
AWS Lambda
AWS Amplify
Microservices
Jenkins
SonarSource
Cypress.io
Balsamiq
Sketch
Kubernetes
TypeScript
GraphQL
PowerShell
Groovy
Linux Bash
Python

EMPLOYMENT HISTORY

JAN, 2022 – JUN, 2022

Dimensional Financial, Senior Software Engineer , Austin, TX (remote position)

Contract via Austin Fraser

Project Description:

New software that would replace 3 outsourced applications that were replicated and merged into in-house software for daily traders. Tasked with creating the front-end of an internal software designed to replace outdated trading platforms. As the sole front-end developer in a team that included two back-end developers, I took the initiative to create the UI/UX from the ground up. Emphasized modularity in the front-end design, crafting reusable components to ensure that future software developments could leverage the work, reducing time-to-market for subsequent projects, and ensuring consistent user experiences. Worked in an interdisciplinary team, liaising between design, back-end development, and stakeholders to deliver a cohesive and efficient software solution that catered to the specific needs of the trading department.

- Designed and implemented robust user interfaces using ReactJS, ensuring dynamic and responsive UI components.
Integrated TypeScript with React, leveraging its static typing feature to catch errors early, making the code more predictable and easier to debug.
Adopted React's component-based architecture, which enabled the isolation of functionalities, promoting code reusability and easier testing.
- Collaborated closely with two back-end developers proficient in Java Spring Boot and Express NodeJS.
Ensured seamless integration between the front-end and back-end by setting up consistent API contracts and conducting integration tests. Employed agile methodologies for iterative development and to accommodate changing requirements while maintaining robustness in the application's back-end.
- Used microservices in the architecture and some of these were implemented using Python, while others use Java Spring Boot. These services are communicated through RESTful APIs and message queues.

Technology Stack:

- Front-end with Javascript (ES6) with framework ReactJS w/ TypeScript.
- Back-end worked with Java framework SpringBoot & NodeJS & Python
- Database modifications using PostgreSQL.
- Deployment AWS.

AUG, 2020 – JAN, 2022

Florida Blue – Blue Cross Blue Shield, Senior Software Engineer, Jacksonville, FL (remote position)

Contract via Randstad

Project Description:

Contributed to the creation of PMT (Plan Management Tool), a software tool aimed at facilitating the creation, versioning, comparison, and tracking of plans for the forthcoming year. This tool offers functionalities like:

- Plan Creation: Users can craft a new plan from scratch or base it on an existing plan.
- Plan Comparison: Enables side-by-side comparison of multiple plans to assess differences and choose the best approach.
- Change Tracking: During the plan editing phase, any changes made to a field are logged, ensuring full transparency and accountability.
- Plan Finalization: Offers tools and functionalities to finalize and lock in plans before they are presented or executed.

In addition to the above, contributed to the debugging efforts of an older software called PIMCORE. Debugging involved identifying, diagnosing, and rectifying any bugs or issues within the software to ensure its smooth functioning.

Technology Stack:

- Front-end with Javascript (ES6) with framework ReactJS w/ TypeScript.
- Back-end worked with Java framework SpringBoot & NodeJS & Python
- Database modifications using MongoDB.
- Deployments Jenkins & AWS.

EMPLOYMENT HISTORY

JAN, 2020 – APR, 2020

PricewaterhouseCoopers(PWC), Senior Software Engineer, Tampa, FL

Contract via TekSystems

Project Description:

Initiated from scratch front-end of Admin 2.0, this software you can create database models and terms that have values. This software was used in conjunction with other internal software within PwC. Admin 2.0 helped make templates that were used to denote and find fields and amounts in invoices, financial statements, and receipts that were uploaded for financial auditing. Collaborate with cross-functional teams to identify and implement software improvements and enhancements in line with business objectives and industry best practices. Used Python scripts to process data provide machine learning predictions, and expose them as APIs that Java Spring Boot can interact with.

Technology Stack:

- Front-end with Javascript (ES6) with framework ReactJS with React hooks, using extensively Redux.
- Redux middleware used was Redux-Saga.
- Back-end worked with Scala / Java framework SpringBoot & Python
- Database modifications using CasandraDB and CouchDB.
- Microservices with Kubernetes
- Created wireframes and mock-ups using Sketch and Balsamiq. Transpose sketches, wireframes, and mock-ups into working code

NOV, 2018 – DEC, 2019

Express Scripts – Cigna, Senior Software Engineer, Tampa, FL

Contract via Collabera

Project Description:

- Project 1: Create and develop a worker compensation web application that allows clients to submit claims and see the status of claims. The application also allows Express Scripts sta to approve fully/partially those claims. If claims are partially approved means only a portion of the claim was paid by their insurance.
- Project 2-3: Created and developed in-house scalable and agile web applications such as “Dash” that would track pharmacist professional judgment, keep track of what prescriptions were shipped and the overall pipeline of such delivery, and back-in-stock information of prescription drugs; just to name a few of the functionalities. These web applications are mainly used by pharmacist managers to help them see analytical data to ultimately make better judgments on where to allocate resources in their drug delivery pipeline, that accommodates thousands of patients in their network.

Technology Stack:

- Front-end with Javascript (ES6) with framework ReactJS with Redux.
- Back-end with Java with framework Spring.
- Database modifications using PostgreSQL.
- Deployment AWS and Jenkins

JAN, 2018 – OCT, 2018

Bass & Austin, Professional Freelancer, Austin, TX

Professional Freelancer

Project Description:

Digital marketing for different businesses in Austin, TX. Doing their Facebook Ads/Google Adwords Campaigns. Moreover, created and published all their social media posts. Additionally, I was their webmaster and had duties such as adding JavaScript scripts, HTML5/HTML, and CSS to update/modify current business websites and/or for marketing purposes such as adding tracking scripts to understand visitor behavior on their site. Also, I did back-end with NodeJS with the framework ExpressJS and the use of Redux, front-end with Javascript with the framework ReactJS, and database modifications with MongoDB to create a prototype web application. Manage multiple projects simultaneously and meet deadlines

EMPLOYMENT HISTORY

JUN, 2015 – DEC, 2017

General Motors, Software Engineer, Austin, TX

Fulltime Employee

Project Description:

Created and developed in-house global scalable software such as Supply Collaboration apps that would track shipments from supplier to warehouse and communication between them included upload functionalities and generated reports for General Motors executives. Helped create CPC which gave any part that General Motors has and will have in the future a unique global identifying number called CPC composed of 16-digits, the application was made to have a global standard. Many regions where General Motors operates around the world had different ways to "uniquely" identify a part. It was difficult to identify one part in one region with another region part even though it might be the same part, because there was no global standard of identification set in place until we created CPC. Tutored entry-level engineers with best practices in coding. Worked with XML and JSON. Rewrote legacy applications. Used Python for data analysis and machine learning tasks.

Technology Stack:

- Front-end with Javascript (ES6) with framework AngularJS v.1/ReactJS, HTML5, and CSS.
- Back-end with Java with framework Spring & Python.
- Database modifications using Oracle SQL/PostgreSQL.

EDUCATION

JAN, 2010 – MAY, 2015

Computer Engineering with Minor in Applied Mathematics., Texas State University, San Marcos, TC

- Bachelors in Computer Science with a concentration in Computer Engineering with a minor in Applied Mathematics.
- GPA in Major 3.18
- Activities and societies: IEEE(2013), MAES(2012)Activities and societies: IEEE(2013), MAES(2012)
 - Joined IEEE branch in Texas State University 2013 (The Institute of Electrical and Electronics Engineers is a professional association headquartered in New York City that is dedicated to advancing technological innovation and excellence).
 - Graduated 6 months early from High School and was granted the Early High School Graduation Scholarship Program.