

CRAIG L. RUMPH, SR.

Sr. Software Engineer / Full Stack Developer

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- Proven full stack and front-end development experience with React, Angular and backend tools
- Experience converting mock ups and complex designs into functional front-end applications
- 20+ years of software development experience with enterprise-level software applications
- Architectural design and development experience using SOLID and DRY programming principles
- Approach each project with professionalism and urgency to meet or exceed project timelines

SKILLS AND TOOLS

Front End: React, Angular, TypeScript, JavaScript, Material UI, Angular Material, PrimeNG, Redux, Redux Toolkit, React Query, React Router, Formik, Jest, RxJS, ngRx, OAuth, JWT, Chart.js, ReCharts

Back End: C#, JAVA, REST API, Node.js, Next.js, Apollo, GraphQL, MongoDB, .NET Core, Entity Framework, SQL Server, Azure DevOps, Google Cloud Platform, AWS Cloud Services

Additional Skills and Tools: Storybook, GitHub, Docker, Kubernetes, Lerna, Postman, AdobeXD, Figma

PROFESSIONAL EXPERIENCE

Sr. Software Engineer / Full Stack Developer

Capital One / DISYS Solutions

February 2022– Present

Role and Responsibilities:

Create new and enhance existing internal company applications using React, Material UI, Python, Express.js, Node.js MongoDB and AWS.. Connect front-end applications to back end AWS databases and update Redux data stores to display real time data using modern UI and ReCharts charting components while adhering to company specific branding rules.

Technologies Used in this Role:

React (versions 17.0, 18.2), TypeScript (version 4.6), JavaScript, Material UI (versions 4, 5), Redux Toolkit (version 1.8), React Router (version 6.3), Formik (version 2.2), ReCharts (version 2.0), StoryBook (version 6), Jest (version 29), GraphQL (version 2.10), Node.js (version 18.5), Express.js (version 4.16), MongoDB (version 5.1), Python (version 3.6), AWS (Lambda), Docker (version 20)

Accomplishments:

- ❖ Developed an incident tracking application with dashboards and filtering using React, Material UI, ChartJS and ReCharts based upon wireframe mock ups and AdodeXD design templates. This application was projected to be completed within 12 months but was finished and implemented into production one month in advance. It allows upper management to view incident tracking data by daily, weekly and monthly performance targets filtered by incident type and data range.
- ❖ Created mock data strongly typed mock data objects using TypeScript to prototype and test UI components until the Slack chat based API data became available to use within the front-end

application. This allowed front-end development to continue while the API endpoints were still under construction. Created Docker images for developing and production deployments.

- ❖ Implemented state management capability and data retrieval using Redux Toolkit and private routing using React Router. Created unit tests using Jest and developed the REST API endpoints using Python and AWS Lambda to provide the data to the front-end and implement data caching to improve application performance metrics.
- ❖ Created a MERN stack application that provides a GraphQL API endpoint accessed through Apollo Client to retrieve client financial data stored within MongoDB. and all related products using complex data querying, filtering and sorting functionality. This application allows users to quickly determine potential additional products and services that should be offered to new and existing customers to increase total revenue per customer.

Sr. Software Engineer / Full Stack Developer

J. B Hunt Transport Services

February 2020–January 2022

Role and Responsibilities:

Responsible for the development of the J. B. Hunt Design System web site which has the responsibility of setting the overall application design and development standards used throughout the organization.

Technologies Used in this Role:

Angular (versions 8 to 12), Angular Material (versions 8, 10), React (versions 16.8, 17.0), Material UI (version 4), TypeScript (version 3.7), JavaScript, Storybook (version 5), GraphQL (version 2.0), Node.js (version 11), Express.js (version 4.16), MongoDB (version 4.4), Azure (Deployments)

Accomplishments:

- ❖ Developed a MERN stack application using React, Express, Apollo, GraphQL, Node and MongoDB to create, test and deploy new React Material UI Components and API components.
- ❖ Enhanced the J. B. Hunt Design System site to incorporate new React components and Material UI components while also upgrading existing Angular and Angular Material components to their latest versions.
- ❖ Developed custom Material UI and Angular Material theming scripts to integrate company specific colors and SVG fonts required to standardize enterprise-wide applications to adhere to J. B. Design System standards. This enabled quick user profile changes such as light/dark mode, left/right flyout menus and other custom profile settings per user.
- ❖ Implemented Proof of Concept (POC) components using React and Storybook to display cutting edge design and development ideas and techniques requested by various project application teams.
- ❖ Created REST API to provide logistics data for custom UI components using C#, .NET Core, Entity Framework Core and SQL Server Azure. This API provides multiple endpoints to retrieve Carrier, Load and Driver data that allows users to simulate real world scenarios to make critical decisions on the usability of proposed custom components before they are deployed to the production design system.

Sr. Software Engineer / Full Stack Developer

DXC Technology / NASCO
March 2019 - February 2020

Role and Responsibilities:

Responsible for leading a group of three Angular developers to upgrade a legacy PowerBuilder desktop-based health insurance application.

Technologies Used in this Role:

Angular (versions 6,7), Angular Material (version 6), TypeScript (version 2.6), JavaScript, ngRx (version 12), RxJS (version 6.5), C# (version 9), Entity Framework Core (versions 4, 5), .NET Core (versions 3.1, 5)

Accomplishments:

- ❖ Created the Angular-based Coordination of Benefits (COB) application's initial project folder/file structure using the latest Angular version (7.x), Angular Material, Angular CLI and additional third-party libraries.
- ❖ Implemented component-based, custom login, event logging and idle timeout functionality based on existing business rules carried over from the legacy COB application.
- ❖ Added the ability to retrieve multiple member/subscriber records incrementally by enhancing the standard Angular Material table and table pagination functionality. Each subsequent API call retrieves additional records using ngRx and RxJS that are dynamically added and stored in the data store so that the user can continuously search the appropriate subset of member/subscriber records.
- ❖ Implemented CRUD functionality along with related Angular Material pop up modal dialogs containing data input forms which allow authorized users to add, update and delete member/subscriber data and save those changes to the legacy mainframe database through a C# .NET Core based REST API proxy service. The existing database objects were modeled using Entity Framework Core's Database First approach.

Sr. Software Engineer / Front-End Developer

Manpower Group / Ernst & Young
May 2018 - March 2019

Role and Responsibilities:

Responsible for implementing complex UI designs and interactivity using Angular and supporting external libraries for PDF content creation.

Technologies Used in this Role:

Angular (versions 4.3,5,6), TypeScript (version 2.3), JavaScript, Angular PDF Generation Library

Accomplishments:

- ❖ Implemented JWT web site authentication using the HttpInterceptor interface module newly added to Angular versions 4.3 and above which reduced code quantity and improved application performance during the initial login and re-authentication processes.
- ❖ Refactored the home page of the Contract Analysis web application based upon a complex set of UX designs using industry standard Angular design patterns. This allowed for quicker access to

the core functionality provided by the application so that users became more efficient at locating important keywords and identifying potential audit flags, misspellings and misplaced sections.

- ❖ Added the ability for users to upload PDF documents directly into Azure Blob Storage so that those documents can be analyzed for certain keywords and subsequently processed according to their document type and subtype characteristics.
- ❖ Implemented CRUD functionality along with related Angular Material pop up modal dialogs containing data input forms which allow authorized users to add, update and delete member/subscriber data and save those changes to the legacy mainframe database through a Java proxy REST API service.
- ❖ Responsible for creating and maintaining daily Angular UI builds per specific environment so that the UAT testing group has the most up to date UI functionality to test against predefined test cases.

Sr. Software Engineer / Front-End Developer

HubX Corporation

October 2017 - May 2018

Role and Responsibilities:

Lead Angular developer responsible for designing and developing the overall SPA system architecture and coding the initial version of the HubX.com B2B e-commerce web site. utilizing the latest versions of Angular and Angular CLI, .NET Core, and REST Web API 2.

Technologies Used in this Role:

Angular (versions 4, 4.3), TypeScript (version 2), .NET Core 2.0, REST Web API 2.

Accomplishments:

- ❖ Designed, created and developed the overall system architecture for a new Angular web application (HubX.com) based upon recommended industry best practices and SOLID Object-Oriented design patterns.
- ❖ Created the landing page, login page home page, shopping cart, checkout and product master / detail pages using Angular, .NET Core 2.0, and REST Web API 2.
- ❖ Developed Angular and .NET code to interact with Auth0 which is a third-party authentication tool used to manage users by creating and persisting JWT tokens per user sessions. The user can login via username and password or using their Facebook or Google login credentials.
- ❖ Implemented Core, Shared and Feature Modules to utilize lazy loading capabilities where appropriate to improve overall system performance, responsiveness and efficiency.

Sr. Software Engineer / Full Stack Developer

Builder's Insurance Group

October 2015 - October 2017

Role and Responsibilities:

Design and develop overall system architecture, coding to implement user stories and tasks, TFS code branching, merging, deploying merged code into multiple environments up to and including production, ongoing maintenance and support.

Technologies Used in this Role:

Angular (versions 2,4), AngularJS (version 1.4), JQuery, JAVA, Visual Studio Code, Visual Studio, .NET Core, ASP.Net Web API, C#, MVC, SQL Server, Entity Framework, Entity Framework Core

Accomplishments:

- ❖ Developed a new web application using Visual Studio Code, Angular, Bootstrap, .NET Core and SQL Server to allow system administrators to manage user roles, system settings, create bug reports and initiate system enhancement requests.
- ❖ Analyzed an existing legacy java-based insurance quoting system to design the system architecture and implement the code needed to completely rewrite the system using Angular, AngularJS, JQuery, JAVA, C#, MVC, REST Web API, and SQL Server.
- ❖ Coded, tested, and deployed a multi-tier, enterprise level web application adhering to industry standard OOP and SOLID programming design patterns and practices and clean code programming techniques.
- ❖ Developed new eQuotes web application which allows independent insurance agents to enter multiple types of input criteria to create dynamic, real time quotes for potential clients seeking both residential and commercial construction and worker compensation insurance policies.
- ❖ Improved system performance in comparison to the legacy eQuotes system by implementing asynchronous, multi-threaded, task-based parallel programming techniques to create a thread safe, overall high-performance system infrastructure.
- ❖ Designed Application Lifecycle Management (ALM) strategy for branching and merging source code between development, staging (pre-production), and release (production) branches using Team Foundation Server (TFS).
- ❖ Interact with business managers, QA testers, subject matter experts on an ongoing basis to define and create system documentation for functional requirements and business rules.

Company: Phoenix Direct E-Commerce Solutions (January 2014 - October 2015) - Sr. Software Engineer

Company: SunTrust Corporation (March 2012 - January 2014) - Sr. Software Engineer

Company: AT&T Corporation (March 2007 - March 2012) - Sr. Programmer Analyst / Team Lead

Company: Bellsouth Corporation (January 1999 - March 2007) - IT Consultant / Sr. Programmer Analyst

Company: Georgia Pacific Corporation (January 1995 - December 1999) - Programmer Analyst

EDUCATION

MORRIS BROWN COLLEGE, Atlanta, GA

Bachelor of Science in Computer Science (minor: finance), Cumulative GPA: 3.9/4.0