**KRISHNA BEERAM**

**Front End Developer**

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**Professional Summary:**

* Around 9 years of experience in programing and development of software applications in various domains like Public Sector, financial, healthcare and insurance.
* Experience in developing UI applications using **AngularJS, Backbone JS, React JS,Vanilla JS, NodeJS, JavaScript, JQuery, TypeScript.**
* Used **TypeScript** in **React** and **Angular** to enhance **code maintainability** by providing **static typing**, which improves development efficiency and robustness in creating dynamic user interfaces.
* Extensive Knowledge on Design Patterns including **Dependency Injection (DI)**.
* Experienced in working with **SOAP** and **Axios APIs**, particularly in implementing **OAuth** and **JWT** (**JSON Web Tokens**) for modern **authentication** and secure **authorization** processes.
* Expertise in using message broker like **RabbitMQ.**
* Proficient in **Angular** components, **directives**, **templates**, **forms**, **services**, **routing**, **navigation**, and **dependency** **injection** to create modular and scalable front-end applications.
* Experience in integrating **Veracode** into the **CI/CD** pipeline to automate security testing of web applications.
* Experience in developing rich GUI interface using **HTML/CSS, JavaScript, jQuery, Angular JS, and Bootstrap.**
* Utilized **TypeScript's** advanced features like generics and union types to create reusable, flexible components and utility functions.
* Experience in maintenance/bug fixing in windows and web-based applications using **TFS.**

**A R E A S O F E X P E R T I S E:**

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| Web Technologies | HTML5, CSS3, XHTML, DHTML, JavaScript (ES6), XML, TypeScript CSS/SASS/LESS, Tailwind CSS, jQuery, AJAX, DOM, Lodash |
| Web Frameworks | React JS, Angular 8 10 12, Next JS, Node JS, Express |
| Databases | My SQL, Mongo DB, Oracle, PostgreSQL |
| Version Control System | GitHub, GitLab, Bitbucket, SVN. |
| Project Management and Issue Tracking Tool | JIRA, Zendesk, Rally, Redmine, Trello |
| Testing Tools | Jasmine, Jest, Karma, Cypress, Cyara |
| Web Services | SOAP, REST, GraphQL, axios, JSON |
| Web Servers | Apache, Apache Tomcat, Nginx, Node server |
| Other Technologies | Redux, Flux, Gulp, Java |
| DevOps Practices | Jenkins, Docker, Kubernetes, Ansible |

**Educational:**

Bachelor of Technology in Electronics & communication Engineering from JNT University, INDIA

**Professional Experience:**

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| **Client** | **Charles Schwab, SouthLake, TX** |
| **Title** | **Sr. UI Developer** |
| **Duration** | **October 2024 - Present** |

* **Description:** The Charles Schwab Corporation is an American multinational financial services company.

**Responsibilities:**

* Hands on experience using one-way/two-way data-binding, filters, UI-routers and creating custom directives in **Angular 10/12**.
* Created **TypeScript** reusable components and services to consume **REST API’s** by using component-based architecture in **Angular 8.**
* Developed back-end systems using **Node.js, Express, MongoDB, and Mongoose** to implement **middleware, routes, controllers,** and **models**.
* Proficient in **HTTP Client Module** for RESTful API integration and handling requests/responses efficiently.
* Built scalable server-side applications using **Node**.**js** and its event-driven, non-blocking I/O architecture.
* Utilized **Express** with **Node.js** to streamline server-side development, enabling efficient **routing**, **middleware integration,** and **overall structuring** of web applications.
* Developed custom **JavaScript** solutions for handling complex **UI** logic, enhancing user interactivity and overall experience.
* Participate in Agile ceremonies.

**Environment:** React.js (18.x), Next.js, Express, Node.js, MongoDB, HTML5, CSS3, SASS, JavaScript, TypeScript, Passport.js, Material-UI, React Redux, Cypress, Cyara, JSON, NPM, Axios, Bitbucket, Jira, AWS, Agile/Scrum.

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| **Client** | **Navitus, Madison, WI** |
| **Title** | **Sr. UI Developer** |
| **Duration** | **November,2022 - September 2024** |

**Responsibilities:**

* Successfully implemented component lifecycle architecture, managing store actions with **Actions**, **Reducers**, and **middleware** for **real-time data handling**, while using **REST** for asynchronous HTTP requests.
* Address business functionality enhancements and a bug fixes for an existing application.
* Used **JavaScript** to manage client-side **form** **validation**, improving user input handling and reducing errors.
* Used **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** containers.
* Improved **JavaScript** code quality by integrating **TypeScript**, enhancing code maintainability with static typing for greater development **efficiency** and **robustness**.
* Set up **CI/CD** pipelines in **Azure Devops** for Microservices and integrated tools like **SonarQube** for fetching insights after code check-in.
* Worked with **ReactJS** components, **memoization**, **forms, events, fragments, keys, routing,** and **animations** to build various modules in applications.

**Environment:** HTML5, CSS3, JavaScript, TypeScript, Bootstrap, Material-UI, NPM, Redux, React.js, Next.js, Express, Node.js, MongoDB, REST, GitLab, Jira, Agile/Scrum.

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| **Client** | **Sure Payroll, Glenview, IL** |
| **Title** | **Sr. Front End Developer** |
| **Duration** | **September, 2021 - November,2022** |

**Responsibilities:**

* Implemented dynamic data handling with **JavaScript**, ensuring smooth interaction between frontend and backend components.
* Address business functionality enhancements and a bug fixes for an existing application.
* Performed SOA implementations using **RESTFUL** Web Services for various projects.
* Used **TypeScript** for **static typing, enhancing code maintainability** and catching **potential errors** during development, resulting in a more **reliable** and **stable** codebase.
* Developed API Gateway and Restul Webservices using **Node.js.**
* Developed **RESTful APIs** using **Express.js** and **Node.js** to facilitate smooth client-server interactions, contributing to the overall success of web projects.
* Designed and implemented custom **pipes and directives** for filtering and extending HTML functionality.

**Environment:** HTML5, CSS3, JavaScript, jQuery, Angular 12, TypeScript, GraphQL, MySQL, Agile methodology, MongoDB, Node JS, Express, Bootstrap, Jira, Git, AWS.

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| **Client** | **Homesite Insurance, Boston, MA** |
| **Title** | **Sr. Front End Developer** |
| **Duration** | **October,2019 – August 2021** |

**Responsibilities:**

* Developed web applications using **JavaScript, Angular Js, AJAX, XML, HTML, CSS3, and Bootstrap.**
* Collaborated with cross-functional teams to gather and analyze project requirements.
* Worked with **Postman** **REST** Client, an **HTTP**, **SOAP** client for testing web services.
* Leveraged **TypeScript's** static typing to improve code maintainability and reduce runtime errors during development.
* Experienced on ansible server build from scratch and writing **Ansible** playbooks to make configuration changes.
* Implemented efficient **virtual scrolling in Angular** using the **Angular CDK** (@angular/cdk) library within an **MVC architecture**, significantly improving performance by rendering only the visible items in large datasets.
* Working on **Tfs &AzureDevops** for **Source Code Repository, Code Reviews.**

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| **Client** | **SWBC, San Antonio, TX** |
| **Title** | **Sr. Front End Developer** |
| **Duration** | **March,2019 – October,2019** |

**Responsibilities:**

* Successfully optimized **API requests**, achieving a **20%** reduction in data loading times.
* Participate as a contributor in the **SAFe** Agile team for the platforms.
* Collaborated with the QA team to address reported **bugs and defects**.
* Worked with **CSS features** such as **background**, **layouts**, **positioning**, **text styling**, borders, margins, **padding**, **pseudo-elements**, and **behavioral elements.**
* Created Angular service and integration with **RESTful APIs**. Used Angular **HttpClient** to send GET/POST request to fetch data from server.
* Expertise in working with **asynchronous** JavaScript, including **Promises**, **async/await,** and handling asynchronous **operations** for efficient and **responsive** web applications.
* Developed **LINQ** expressions to fetch filtered data from database.

**Environment:** HTML, CSS3, JavaScript, XML, SOAP, MySQL, Ajax,React.js, jQuery, JSON, Agile.

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| **Client** | **Siemens, Chicago, IL** |
| **Title** | **Sr. Front End Developer** |
| **Duration** | **October 2018 – February 2019** |

**Responsibilities:**

* Used **jQuery** to navigate the **DOM** tree, **manipulate** elements, and implement **drag-and-drop** functionality within the tree using the **jQuery** framework.
* Working on **Tfs/AzureDevops for** source code repository, code reviews.
* Worked on **AJAX** calls to consume **SOAP** resources, adeptly receiving, analyzing, and processing **JSON** responses for extracting the required and properly formatted data.
* Ownership for Azure SQL server DB deployment & managed the Continues integration & Continues deployment.
* Deployed applications using cloud hosting platforms such as **AzureDevops (VSTS).**
* Built jQuery v**alidation plug-in**, customized it for support of **custom validation**, integrated jQuery **modal box**, **date picker**, and **tooltip** functionalities.

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| **Client** | **HAVI Global Solutions LLC, Downers Grove, IL** |
| **Title** | **Sr Front End Developer** |
| **Duration** | **April 2018 – September 2018** |

**Responsibilities:**

* Used **jQuery** to navigate the **DOM** tree, **manipulate** elements, and implement **drag-and-drop** functionality within the tree using the **jQuery** framework.
* Developed **data models**, repositories, and **data access objects** (DAOs) to efficiently **retrieve**, manipulate, and persist data required by **microservices**.
* Working on **Azure Devops** to create work items.
* Participated in **code reviews** and provided **constructive feedback** to maintain code quality and standards.
* Used **Postman, Fiddler tools** to test **Web API** functionality.
* Working on **bitbucket/Git/GitHub** for source code repository, code reviews.

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| **Client** | **Washington Employment Security Department, Lacey, WA** |
| **Title** | **Sr. Front End Developer** |
| **Duration** | **October 2016- March 2018** |

**Responsibilities:**

* Designed rich, easy-to-use and highly interactive UI using the **HTML5, AJAX controls, JavaScript, CSS3, Angular JS, jQuery and Bootstrap.**
* Created UI for the upload and view the Excel sheets using **Angular 4, HTML**, **CSS**, **Type Script**, and **Node JS** as **POC**.
* Used **Angular JS** development framework to build a single-page application.
* Built jQuery v**alidation plug-in**, customized it for support of **custom validation**, integrated jQuery **modal box**, **date picker**, and **tooltip** functionalities.
* Implemented **RABBIT MQ** for data integration with windows services.
* Participated in **code reviews** and provided **constructive feedback** to maintain code quality and standards.

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| **Client** | **Department of Health and Mental Hygiene, Baltimore, MD** |
| **Title** | **Front End Developer** |
| **Duration** | **August 2016-September 2016** |

**Responsibilities:**

* Designed rich, easy-to-use and highly interactive UI using the **HTML5, AJAX controls, JavaScript, CSS3, Angular JS, jQuery and Bootstrap.**
* Worked on **XML** for **data interchange** and **storage**, leveraging **MySQL** database to efficiently handle structured data in a **real-world** application.
* Worked with **MVC** controllers to integrate with **WCF** and addressed the integration issues.
* **W**orked with **React** for its advanced **component-based** architecture and **declarative** approach to **programmin**g. Leveraged features such as **virtual DOM** for efficient **rendering**, **optimizing** the development of **dynamic** and **responsive** user interfaces.
* Expertise in working with **asynchronous** JavaScript, including **Promises**, **async/await,** and handling asynchronous **operations** for efficient and **responsive** web applications.
* Involved in **QA testing** and tracked the changes using **JIRA**.

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| **Client** | **Prospect Mortgage LLC, Los Angeles, CA** |
| **Title** | **Front End Developer** |
| **Duration** | **June 2015- July 2016** |

**Responsibilities:**

* Implemented **RABBIT MQ** for data integration with windows services.
* Developed complex grids using **Telerik/Kendo UI** Controls.
* Transformed **XML** files into specified business format (PDF, MS-Word) using **XSLT.**
* Designed and implemented **Test Cases**using **NUnit.**
* Worked with **CSS features** such as **background**, **layouts**, **positioning**, **text styling**, borders, margins, **padding**, **pseudo-elements**, and **behavioral elements.**
* Efficiently handled periodic exporting of **SQL server** data into **Elasticsearch.**

**Educational Details:**

* Masters from Lamar University, Beaumont, TX. (January 2014- May 2015)