

KRISHNA BEERAM
Front End Developer
Email: beeramuideveloper@gmail.com
Mobile: (502)-309-4696

Professional Summary:

- Around 9 years of experience in programming 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**.

AREAS OF EXPERTISE:

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:

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.

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.

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.

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.

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.

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 **validation plug-in**, customized it for support of **custom validation**, integrated jQuery **modal box**, **date picker**, and **tooltip** functionalities.

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.

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 **validation 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.

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.
 - Worked with **React** for its advanced **component-based** architecture and **declarative** approach to **programming**. 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**.

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)