

## **PROFESSIONAL SUMMARY:**

- ✓ Having **11+ years** of experience in designing and developing User Interface and Web Development specialized in front-end and back-end development with frameworks and patterns.
- ✓ Having Full Stack .Net Developer experience with hands on **C#, Asp. Net, MVC, WCF, Web API.NET CORE, ADO.NET, RESTFUL Services, WPF,SQL Server, Oracle, MySQL, PostgreSQL, Azure Cosmos DB, jQuery, JavaScript, OOPS Concepts, HTML5, CSS3, AJAX, XML, Bootstrap, Angular 8 to 14, React, NgRx, RxJS Node JS, AJAX.**
- ✓ Proficient in implementation of **N-Tier Architecture** Data Access layer, Business Logic layer and User Interface (**UI**).
- ✓ Worked on **Azure DevOps** tools like **Azure Boards, Backlog, pipelines, Repos.**
- ✓ Proficient in developing responsive single page Application (**SPA**) and Dynamic Web Applications using JavaScript framework like **Angular** and **React** (hooks, redux toolkit).
- ✓ Worked on and got Hands on **Azure** Search, Web Apps and Web Jobs, Telemetry, Application Insights, **FunctionalApp, Logic apps, Active Directory** and Azure Service Bus.
- ✓ Experience in Database Technologies including RDMBS like **Microsoft SQL, Oracle, PostgreSQL and MySQL.**
- ✓ Good Knowledge on Schema Design aware of normalization and **ACID** properties, **Solid Principles.**
- ✓ Hands-on experience in **Object Oriented Design/Development (OOD), Model View Control (MVC) Design Pattern, Model Pattern, Observer Design Pattern, Singleton Design Pattern, Module Design Pattern** concepts including **Multithreading, Collections, Exception Handling.**
- ✓ Experience in developing back end Micro Services using **.NET CORE Web API's.**
- ✓ Work experience in Database design and writing **stored procedures, Function statements, Triggers, views, Joins**, performing **Query Optimization** and **performance tuning** in **SQL Server 2008/2010/2012** Databases.
- ✓ Expert level in Azure like Creating **Function Apps** and Automate function app resource deployment to azure using **ARM templates, CI/CD (Continuous Integration and Continuous Delivery).**
- ✓ Strong understanding and experienced with all the phases of software development life cycle (**SDLC**) and **agile development methodologies** including **SCRUM**, involved in daily **SCRUM meetings** to keep track of the Ongoing project status and issues using **Azure DevOps tools.**
- ✓ Certified Scrum Developer Involved in **Release** and **Sprint planning** activities to provide estimates for Product back log items.
- ✓ Have a strong knowledge on **Angular modules, services, templates, directives, NgRx, Reactive Programming (RxJS) and dependency injection** to create a **SPA.**
- ✓ knowledge on **Docker containerization and Kubernetes.**
- ✓ Highly skilled at front-end engineering using **Object-Oriented JavaScript.**
- ✓ Solid experience with **Responsive Web Design (RWD).**
- ✓ Experience working with testing tools like **Jasmine, Karma.**
- ✓ Enhanced legacy application by building Generic components in **Angular using typescript.**
- ✓ Experience in developing back-end services using **Node JS** interacts with back-end databases.
- ✓ Well experienced in writing test cases in **Test Driven Development.**
- ✓ High level proficiency with distributed version control tools such as **Git and Bitbucket.**
- ✓ Experienced in creating and managing hosted resources on **AWS including EC2 instances, VPCs, and S3 containers.**
- ✓ Extensive hands-on experience with **Node.js, Express, and Angular development.**
- ✓ Implemented **OAuth2 (Rest service authentication), Azure B2c** in our application in order to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords, For Windows application, **Microservices.**

## **TECHNICAL SKILLS:**

<b>Web Technologies</b>	.NET Core, ASP.NET, MVC, C#, WCF, RESTFUL Services/API's, HTML, CSS, JavaScript, TypeScript, Node.js, jQuery, Angular 6/8/10/12/14, Node JS, React, NgRx, RxJS, Micro Services, MVC, AJAX, XML, Bootstrap, JSON, AZURE Cloud Services.
<b>Database</b>	SQL, MySQL, Oracle, PostgreSQL,
<b>Data visualization</b>	Google Charts, Chart JS.
<b>Unit Test Frameworks</b>	Karma/Jasmine, Mocha/Chai, Angular Mock, Protractor.

<b>Browser</b>	All (IE, Firefox, Opera, Chrome, Safari)
<b>IDE</b>	Visual Studio, Visual studio code
<b>Debugging tools</b>	Firebug, Chrome Developer Tools.
<b>Version Control</b>	TFS, GIT, Bitbucket

## **EDUCATION:**

- **B. Tech (Information Technology)** **April - 2011**  
Jawaharlal Nehru Technological University

## **PROFESSIONAL EXPERIENCE:**

- **EPSoft Inc (India & USA)** **Aug 2021 to Current**
- **Berkadia Services India Pvt. Ltd., India** **Aug 2014 to Aug 2021**
- **Caliber Technologies Pvt. Ltd., India** **Jan 2012 to Aug 2014**

**Company: EPSOFT Inc, Irving, Texas** **April 2023 to Current**

**Client: CAE Simulation Technologies Pvt. Ltd.**

**Role: Senior Full Stack Developer (Front End, Back End)**

**Project - Cabin Crew Training App – Phase 2**

## **Responsibilities:**

- ✓ Interact with Product leadership team to understand the Business requirements.
- ✓ Translate the Business requirements in to Technical Specifications.
- ✓ Create Technical Design Document and get it reviewed by Architect.
- ✓ Participate in Release and Sprint Planning Activities to break down technical requirements into Product back log items and estimate the effort by breaking them in to technical tasks.
- ✓ Responsible for creating efficient design and developing User Interaction screens using **Angular 12/14, NgRx store, Ngxs , RxJS, HTML5, Less, TypeScript.**
- ✓ Implemented **authentication** and **authorization** using **Azure B2c** and extensive **exception handling.**
- ✓ **Worked with advance concepts of ASP.NET Core MVC** such as **Models** and **providers, Filters** used for developing backend technology.
- ✓ Worked Extensively with Angular CLI for creating components, **Services, pipes, Directives.**
- ✓ Designed and developed the application using Agile Scrum methodology by breaking down the project to several sprints.
- ✓ Involved in Migration from **Angular 12 to Angular 14.**
- ✓ Implemented convention-based **CRUD** actions like **GET, POST, PUT and DELETE.**
- ✓ Worked on the backend Services by using **.Net Core Web API, WCF, RESTFUL API Services and azure functions, cosmos DB.**
- ✓ Implemented **JWT Token** based Authentication to secure the **ASP.NET Core web API** and provide authorization to different users.
- ✓ Implemented **LINQ Query** operations like **Grouping, Ordering and Filtering** Operations to access data base for search of routes, drivers and packages.
- ✓ Responsible to deploy the **Front-end web App and Back-end Web API**, function apps using **Azure pipelines.**
- ✓ Worked on deploying an **Azure Event Grid topic and a webhook subscription** using Azure Resource Manager Templates.
- ✓ Track Daily Activities and tasks on **Azure Boards** under current sprint.
- ✓ Responsible to control release with deployment gates like in Azure pipeline using **Sonar Cloud**, Release gates, Checks, and approvals.
- ✓ Expertise with redux type data stores using **NgRx.**
- ✓ Worked with Angular to develop single page applications, worked with **NgRx** for managing Angular applications.
- ✓ Implemented **NGRX** store to maintain the state of the application. **NgRx** store was used to store results after angular injector observable retrieved the data from backend.
- ✓ Added logic to dispatch the action to **NgRx** store, this was done to update the store and to update components subscribed to that particular store.
- ✓ Strong experience with web sockets, observable based programming using Reactive Programming (**RxJS**).

**Environment:** Angular 14, NgRx, RxJS, .NET Core Web API, TypeScript, HTML5, CSS3, GIT, Azure Cosmos DB, TDD, Jasmine, Karma, Micro Services, Azure Function Apps, ARM Templates.

**Company:** EPSoft Inc, Hyderabad India

**Aug 2021 to Apr 2023**

## **Project - 1**

**Client:** CAE Simulation Technologies Pvt. Ltd.

**Role:** Senior Full Stack Developer (Front End, Back End)

**Project - Cabin Crew Training App – Phase 1**

### **Responsibilities:**

- ✓ Developed SPA's using **Angular 12, Typescript, HTML5, SASS and Bootstrap4**.
- ✓ Worked in an **Agile- Scrum development methodology** to ensure delivery of high-quality work with monthly iteration, also involved in **sprint planning** and **retrospectives**.
- ✓ Work with Product Managers and Business Analysts to understand and implement complex business functionality.
- ✓ Participate in the **Agile methodology**, including meetings, Iterative development, estimations, and design sessions.
- ✓ Collaborate with Architects and other Software Engineering resources in designing and implementing integrated, enterprise solutions.
- ✓ Design, implement and unit test Web Application code
- ✓ Developing and re-factoring existing products, providing product enhancements, and resolving product defects to meet customer issues.
- ✓ Handled data from multiple streams to maintain the sequence and their dependencies by using the **RxJS** operators.
- ✓ Extensively worked on the data massaging and parsing of the data from the services in the backend and API calls and Worked on the backend Services by using **.Net Core Web API** and **azure functions, cosmos DB** and involved in pretesting using POSTMAN.
- ✓ Used Jasmine to perform testing and performed extensive Dev testing.
- ✓ Develop, analyse, review and modify applications through the complete life cycle of product development.
- ✓ Hands-on design, development, deployment & support of **java/JavaScript** based frameworks.
- ✓ Created production-quality **CSS, SASS, HTML, JavaScript, AJAX and XML** for large, complex web applications.
- ✓ Collaborated with backend developers, UX Teams and software developers to implement solutions that are aligned with and extend shared platforms.
- ✓ Design, implement, test and maintain the front-end code and provided support for production releases scheduled after office hours.

**Environment:** Angular 12, NgRx, RxJS, Micro Services, .NET Core Web API, TypeScript, HTML5, CSS3, GIT, Azure Cosmos DB, TDD, Jasmine, Karma, Micro Services, Azure Function Apps, ARM Templates.

**Company:** Berkadia Services India Pvt. Ltd., Hyderabad India

**Jul 2020 to Aug 2021**

## **Project - Access Right**

**Role:** Senior Full Stack Developer (Front End, Back End)

### **Responsibilities:**

- ✓ Responsible for creating efficient design and developing User Interaction screens using **Angular 8, HTML, CSS, Bootstrap, JavaScript, and Node JS**
- ✓ Conduct Code review and check test scenarios to make sure doesn't break the existing changes.
- ✓ Used NPM for installing required node modules and other published **Angular NPM modules**.
- ✓ Worked Extensively with **Angular CLI** for creating **components, Services, pipes, Directives**.
- ✓ Worked on GIT as a version control. Utilized **NPM** scripts for build and test environments in a Node.js application.
- ✓ Involved in agile software methodologies using **TEST DRIVEN DEVELOPMENT(TDD)**.
- ✓ Designed and developed the application using Agile Scrum methodology by breaking down the project to several sprints.
- ✓ Worked on the backend Services by using **Node JS, Express and MySQL DB**.
- ✓ Implemented **CRUD** operations in **Node.js (Express.js Framework)** using MySQL DB and handled them in Angular application.
- ✓ Mentored team members for technical assistance and participated in **code reviews**.
- ✓ Responsible for releasing the code to higher environments including changes in **AWS pipelines** by using **Kubernetes** service files.

**Environment:** Angular8, Node.JS, Key Cloak, JavaScript, jQuery, Ajax, HTML5, CSS3, GIT, MySQL DB, TDD, Jasmine, Karma, Event Store, Micro Services

**Company:** Berkadia Services India Pvt. Ltd., Hyderabad India

**Mar 2018 – Jul 2020**

### Project - Loan Document Analysis

**Role:** Full Stack Developer (Front End, Back End)

#### Responsibilities:

- ✓ Implemented **Angular Router** to enable navigation from one view to the next as user performs application tasks.
- ✓ Used Web pack to build **Typescript** modules.
- ✓ Used Gulp as the build task runner to build and package the application.
- ✓ Involved in writing application-level code to interact with **APIs, Web Services using AJAX, JSON and XML**
- ✓ Develop and execute unit, functional, integration testing of developed software components.
- ✓ Deliver quality code by applying the best development practices.
- ✓ Responsible for creating **RESTFUL** Web Services using **Node.js**.
- ✓ Experience in working with the advanced JavaScript such as **ECMAScript 6 (ES6)**.
- ✓ Worked with **Jasmine** in testing and **karma** for unit testing angular modules.
- ✓ Used Azure Board for bug tracking. Git is used as a version control tool and **YAML** pipelines for **continuous integration** of builds.
- ✓ Actively Involved and Implemented the **Event Store Concepts** in designing the service components as a middleware and aggregated the data in to read models.
- ✓ Implemented Message Queuing using Native **PostgreSQL**.
- ✓ Designed UI screens using **Angular Material Components**.
- ✓ Responsible for design and development of the web pages from mock- ups.
- ✓ Implemented back-end **API's** using **Node JS** and created **Knex models, book shelf**.

**Environment:** Angular8, Node.JS, JavaScript, jQuery, Ajax, HTML5, CSS3, GIT, MySQL DB, TDD, Jasmine, Karma, Event Store, Micro Services.

**Company:** Berkadia Services India Pvt. Ltd., Hyderabad India

**Aug 2016 – Mar 2018**

### Project - Rent Roll Extraction

**Role:** Senior Analyst (Back End Developer)

#### Responsibilities:

- ✓ Created server-side module (**REST API**) using **Node.js** and **Express.js** framework.
- ✓ Exposure working with **templating engines like Handlebars**.
- ✓ Used Knex and Bookshelf JS Package to interact with **MySQL** for data operations.
- ✓ Updated skills with Mobile Web Automation Framework **Angular JS in Jasmine, Protractor** using this testing the **AJAX** components.
- ✓ write unit tests and automated application testing using **Jasmine** Test Framework.
- ✓ Coordinated with engineering and product teams in identification of customer requirements for the high-profile progressive web application that helped to develop clear, unambiguous technical requirements and establish consistent feed-back loop.
- ✓ Deliver quality code by applying the best development practices.
- ✓ Design and configuration of the fully automated **CI/CD** lifecycle for the high-volume external web app resulting in 5x reduction of average deployment time.
- ✓ Resolved technical problems relating to the business-critical internal web application resulting in application performance tuning and code quality improvements.
- ✓ Meet with project stake holders discuss their vision ideas and create compelling digital experiences. Translate design patterns into application architectures.
- ✓ Involved in Design discussion of **MySQL DB** architecture.
- ✓ Integration of user-facing elements developed by front-end developers with server-side logic.
- ✓ Writing reusable, testable, and efficient code
- ✓ Implementation of security and data protection
- ✓ Implementing automated testing platforms and unit tests
- ✓ User authentication and authorization between multiple systems, servers, and environments
- ✓ Experience in **API** testing using Postman.

**Environment:** Node.JS, Express JS, ES6 Modules, Java Script and My SQL DB, Knex JS, Bookshelf JS.

**Company:** Berkadia Services India Pvt. Ltd., Hyderabad India

**Jan 2016 – Aug 2016**

### **Project - Investor Reporting Information System**

**Role:** Senior Analyst (.Net Developer)

#### Responsibilities:

- ✓ Creating Technical Design and Develop new features.
- ✓ Creation of Deployment Guide and Functional Documentation.
- ✓ Interacting with Client for Requirement Gathering.
- ✓ Developed Website with **Responsive Design**.
- ✓ Involved in all the phase of the applications development.
- ✓ Developed the Application in **3-Layer Architecture**.
- ✓ Developed **C#.NET** Assemblies for implementing business logic.
- ✓ Developed ASP.Net pages for developing User interface and **JavaScript** validations for client-side validations.
- ✓ Created new Tables, Stored procedures, Views and Functions using **SQLServer2008**.
- ✓ Designed Reports and Reviews of the Acknowledgements of Support Tickets
- ✓ Interacting with the client on regular basis.
- ✓ Analysing the requirements and developing the assigned modules and unit testing.
- ✓ Adding of new modules and supporting the existing functionality.

**Environment:** MVC, C#, jQuery, Ajax, ASP.Net and .Net 4.0 (Visual Studio 2010), SQL Server 2008 and TFS, XAML Pipeline.

**Company:** Berkadia Services India Pvt. Ltd., Hyderabad India

**Aug 2014 – Jan 2016**

### **Project – Reporting Utility Deal Interface**

**Role:** Analyst (.Net Developer)

#### Responsibilities:

- ✓ Fixing the Bugs on **Report Utility Deal Interface**.
- ✓ Working on Enhancements of the Product created in ticketing Tool.
- ✓ Technical Support by analysing the tickets and providing solutions to the tickets
- ✓ Triaging the tickets daily and communicating to the supervisors and team
- ✓ Prepare the weekly status report to the team.
- ✓ Developed **SSIS** and **SSRS** Packages using **ASP.NET** to integrate with the database to push the job notification the tables on daily basis.
- ✓ Integrated **sync fusion grid** to the existing application.
- ✓ Estimate the Defects.

**Environment:** C#, ASP.Net and .Net 4.0 (Visual Studio 2010), SQL Server 2008 and TFS.

**Company:** Caliber Technologies Pvt. Ltd., Hyderabad India

**Jan 2012 – Aug2014**

### **Project – Library Information Management System - LIMS**

**Role:** Associate Software Engineer / Software Engineer

#### Responsibilities:

- ✓ Understanding and analysing the requirements.

- ✓ Worked on **Ajax** calls and **jQuery** to load data dynamically based on user actions.
- ✓ Develop Custom Reports for Large Data Sets and **MVC ASP.Net** pages for developing **User interface**.
- ✓ Done Documentation for Screen, Program Logic and Database
- ✓ Created Tables and developed **stored procedures, views and functions in SQL Server**.
- ✓ Designed **Reports** and Main the reports, create the **graphs** using **jQuery Charts**.
- ✓ Deliver quality code by applying the best development practices.
- ✓ Worked on **TFS** as a version control.
- ✓ Responsible for the development of re-usable **services**, user interfaces, **unit testing**.
- ✓ Skilled in performance tuning and user experience best practices

**Environment:** C#.Net, ASP.Net and MVC 4.0 (Visual Studio 2010), SQL Server 2008/2005 and TFS