

SUMMARY:

- **5+ years** of professional experience with full stack application development, expertise in troubleshooting and adept at collaborating with cross-functional teams.
- Actively pursuing a challenging role where I can contribute my skills to tackle critical issues and develop scalable applications.

TECHNICAL SKILLS:

Programming Languages: C#, Java, SQL, Xamarin

Frameworks/Protocols: ASP.NET, ASP.NET Core, Angular 8, Bootstrap, GraphQL, REST Over HTTP, Entity Framework

Databases: MySQL, Oracle, SSMS, Mongo DB(NoSQL)

Scripting Languages: ReactJS, TypeScript, Razor, jQuery, Angular,, AJAX, Javascript

Tools: GitHub, Jira, Visual Studio, kafka, IIS, Visual Studio Code, Azure DevOps, Octopus, Postman, Docker, Kubernetes

PROFESSIONAL EXPERIENCE:

Software Developer – YPrimeLLC, Raleigh, North Carolina

May 2021 – Present

Skill set: ASP.NET Core, Entity Framework 6, Azure DevOps, Octopus, Postman, Swagger, SQL, Xamarin, Hangfire

- Working on a eCOA **Software-as-a-Service** (SaaS) application that involves developing and maintaining a platform that securely collects, processes, and delivers data to different e-Clinical systems used in clinical research industry.
- Worked with various cloud design patterns like **CQRS, Leader-Election, Side Car** and **Throttling**.
- Developed web and mobile applications specifically designed for clinical trials, ensuring compatibility across tablet and handheld devices.
- Collaborated on multiple versions of a base product, adapting it to meet client's custom requirements. Deployed legacy web applications, also using the CI/CD approach with **Azure DevOps/Octopus**.
- Troubleshot and resolved bugs related to alarms/reminders for the Subjects/Caregivers on mobile device.
- Schedule email notifications using **Hangfire** and ASP.NET Core to notify compliance of a Subject to the Client.
- Extensively used GoF design patterns like Singleton, Factory, Builder patterns for robust code.
- Implemented reports using **LINQ and SQL** to generate comprehensive insights regarding subject's responses and their progression throughout the clinical trial lifecycle. Provided support for **Power BI** reports during the deployment process and facilitated their addition to staging environments.
- Ensured that only authorized users had access to restricted methods/features by enforcing the defined authorization rules used feature flagging for **A/B testing**.
- Prepared documentation at the end of the development stage when assigned as a lead developer for the study.
- Worked closely with the translations team to implement solutions and improve the localization process for optimal language support, resolved issues related to corrupt characters or encoding problems.

Software Developer – Headway Workforce Solutions, Raleigh, North Carolina

Feb 2019 – April 2021

Skill set: ASP.NET Core, Entity Framework 6, GitHub, Syncfusion, Postman, Swagger, Angular 8, SQL

- Involved in Design, Development, Integration and Maintenance of a large-scale web application built for Onboarding, Placement and Employee Management being used by many clients with more than 1000+ employees.
- Designed and Developed reusable and testable application modules based on **MVVM** architecture effectively using Software design patterns in an Agile environment.
- Used LINQ queries, **Lambda Expressions** against Entity framework for database operations.
- Created stored procedures using SQL for application data retrieval, helped designing and implementing the database design.
- Provided significant input regarding UI/UX designing of the product, architecture and implemented responsive front- end user interface using **HTML5, CSS5, Syncfusion, Bootstrap and Angular 8**.
- Implemented token-based authentication for enabling one-time login for client agents and created stored procedures to interact between data servers, databases and for transfer of data in between.
- Designed and developed reports, dashboards by gathering requirements from clients or across the organization that provide key insights to make critical business decisions.

Computer Science Intern - Honda Aircraft Company, Greensboro, North Carolina

May 2018- Aug 2018

- Automated the Change Request business process utilizing SharePoint lists and Nintex Workflow, which was used by more than 200+ employees in the Information Systems department on daily basis for Change Request Approvals.
- Developed a Single page web application using Angular 8 and integrated with a **RESTful API**.

Associate Software Engineer - Accenture, Hyderabad, India

Jun 2016 – Aug 2017

- Responsible for application maintenance for a major Oil & Energy Client, a key account client of Accenture.
- Optimized Stored procedures for faster data retrieval which improved overall application performance.
- Developed, deployed, and maintained **SSIS** Packages used for currency conversion and automatic data import to production.

EDUCATION: Master of Science in Computer Science - University of North Carolina at Charlotte NC

Dec 2018