Muaaz Hamood

Summary

Full-Stack developer with 7+ years of experience, possessing strong knowledge of web development and technologies and also mobile development. Mainly working with ASP.NET, Node.JS for BackEnd and Angular, React, and Vue.JS for FrontEnd. Mobile development using Flutter. Able to quickly master new software libraries, frameworks, and tech stacks.

Experience

MIMS Medicine Inventory Management System

Full Stack Development

Developed the Back-End in ASPNET WebApi, Entity Framework, MVC, ASPNET Core, and ASPNET MVC and used bearer token of identity framework for user authentication and also used claims for role-based authentication.

- Developed the FrontEnd in Angular 8 with TypeScript, and JavaScript also, and used a modular approach for all the major parts of the app.
- Used lazy loading for the routing and also created custom validators, pipes, and directives to achieve goals.
- Used SQL Server for the database and wrote many complex SQL queries, stored procedures, and views to achieve the right result sets for the end-user requirements and reporting.

By using this system the end-user has a record of medicine stocks and can differentiate between all the health facilities. The health facilities can easily transfer stock between them and can see their statistics on the dashboard. This way we can manage the total amount of every medicine circulated in our Province and can easily manage the resources.

web development | C# | Typescript | SQL | Statistics | ASP.NET | .NET | WebAPI | Angular 2+ | Angular | Routing | MVC | Entity Framework | ASP.NET | CoreJavaScript | ASP.NET | MVC

Polio Monitoring System

Full-Stack Developer

- Developed Polio Monitoring System using C# ASPNET Core WebApi for Back-end and Angular 10 for Front-end.
- Used JWT token for user authentication and claims for the user roles.
- Used AutoMapper to easily map C# Models and DTOs to DB Models and vice versa.
- Used C# linq queries for manipulating the database.
- For the Frontend, used Angular 10 with TypeScript, JavaScript also, and a UI Endless Theme template to easily achieve the results.
- Created many types of charts for reporting like bar charts, column charts, and google maps.
- This project has much reporting in it. Used AmCharts 4 which enables creating fully customizable charts.
- Â For the database, used SQL Server and created many complexes stored procedures as this project has much reporting and also used pivot tables and views, etc.

This project helped polio monitoring teams to monitor their activities and also their respective district users to monitor their team's performance.

SQL | .NET | C # |Angular 2+ |Angular |ASP.NET| Linq |Typescript | Web API | JWTASP| .NET/C# | JavaScript | ASP.NET | CoreWeb Development

TB Control Program

Full Stack Developer

Developed the Back-End in ASPNET WebApi and used bearer token of identity framework for user authentication and also used claims for role-based authentication.

- Developed the FrontEnd in Angular 11 with TypeScript, and JavaScript also, and used a modular approach for all the major parts of the app.
- Used lazy loading for the routing and also created custom validators, pipes, and directives to achieve goals.
- Used SQL Server for the database and wrote many complex SQL queries, stored procedures, and views to achieve the right result sets for the end-user requirements and reporting.

This project helped TB Control Program to monitor the health facilities in their province. It enables them to manage the stock and also calculate the remaining stock. It also gives reports on medicine stock. It saves the patient details and also the patient follow-ups.

Angular 2+ | ASP.NET | SQL | .NET | Typescript | Web API | JavaScript | C# | Routing | Web Development | Angular

COVID Vaccination
Full Stack Developer • Lahore, Punjab

- Developed COVID Vaccination portal using C#, NET, Linq, MVC, and ASPNET MVC 5.
- Â Used entity framework for the communication with SQL database and identity framework for managing user authentication, authorization, and roles.
- Used AngularJS, and Angular 1, in the razor pages, to easily develop and maintain the UI code.
- Used SQL as a database to easily manage the records and give the required reporting.
- Used Angular material for designing the user interface and also ag-grid for showing millions of patients' data.
- Â AngularJS helped in writing complex javascript code for each component.
- Used AngularJS services, directives, forms, pipes, etc.

This project helped to monitor the vaccination of COVID patients at vaccination centers and also helped in managing the stock of different types of vaccines.

ASP.NET/C# | Linq | Web Development | JavaScript | MVC | AngularJS | .NET | Communication | SQL | C# | Entity Framework | Angular | ASP.NET | ASP.NET MVC |

TowerStation
Full Stack Development

Â Worked on TowerStation, a product that is used to manage carriers and freights and is mainly used for load management.

- Used Angular to develop the Front-End and Node.js for the Back-End.
- Used Nest.js, a Node.js framework, to support many functionalities out of the box.
- Used JWT Bearer Token, TypeORM.
- Used MariaDB and wrote many stored procedures and complex SQL queries to meet the requirements.
- Used Socket.io to show real-time Load Boards.

The company owners can easily manage their load, carriers, locations, drivers, etc. Driver pay is automated and everything is logged. The end-user can see real-time load boards.

SQL | Nod.js | Angular | Nest.js | MariaDB | Socket.io | JWT

AUE Student
Full Stack Developer

Link

https://play.google.com/store/apps/details?id=com.codecue.aue

- Worked on the AUE Student, an extension for the web-based student portal of AUE America University in the Emirate.

- I used Flutter to develop this app and also used all features of Flutter.
- Â Used GetX as a state management tool to manage the overall state of the app.
- Â Integrated various custom payment methods.
- Mostly used stateless widgets of Flutter to increase the performance of the app.

Students can register for upcoming semesters with this app. The course registration is completed in a three-step process. Students will save countless hours regarding tedious paperwork and will gain more time to focus on their education.

FlutterMobile | App Development |

SpaceBands
Full Stack Development

- Â Developed a system for monitoring covid employees in a company. Used NestJS a Node.JS framework that wrapped around Express. JS.
- Â Used all of NestJS' Express. JS-like features to help in development.
- Â Used socket.io for real-time data manipulation at specific places.
- Â Used JWT bearer token to secure the API.
- Â Used Express.JS interceptors to intercept the API calls and do specific operations on them.

This project helped the company to monitor their covid positive employees and also monitor their hours of work.

Express.js | Angular 2+ | Node.js | Typescript | JWT | Socket.io | Web Development | MongoDB | Nest.js

Web applications and mobile apps

- Worked as a Full-Stack developer at HISDU.
- Developed many web applications and mobile apps.
- Main technology stack for web apps is ASP.NET for the Backend and Angular for the Frontend.
- Worked on almost all the major frameworks of ASP.NET like ASP.NET MVC, ASP.NET Core 3.1 and 5, ASP.NET Core WebApi, Entity Framework, Identity Framework, etc.
- For the front-end, mainly work with Angular.
- Worked on AngularJS, Angular 1, and also till Angular 12.
- Â Used AngularJS in the ASP.NET MVC projects.
- Developed some projects as separate Back-End in ASP.NET and FrontEnd in Angular 12.
- Supervised 2 of my team members in the Back-end and Front-end. Helped them in writing maintainable and manageable code in ASP.NET and Angular.
- Being a Full-Stack Developer, also developed a few mobile apps using a hybrid framework called Flutter.
- Created a chat module, integrated different and custom payment gateways through their SDKs and custom web views, integrated google maps, push notifications, and much more.

Successfully delivered easy-to-maintain and manage mobile and web products for our clients.

ASP.NET | .NET | MVC | .NET Core | EntityFramework | ASP.NET Core | Flutter | ASP.NET MVC | Web API | AngularJS | .NET MVC | Angular

Education

Associate Degree Bachelors In Information Technology
Punjab University College Of Information • Lahore, Punjab