**Muhammad Ovais Anis**

A dynamic and result-driven professional working within the software development industry for over 12 years. Have extensive experience in leading development and software quality assurance teams, architecting and designing enterprise applications. A focused individual with excellent technical and architectural concepts, and interpersonal and management skills. Has exposure of working with both business and technical stakeholders to deliver high quality products and services that meet business requirements and expectations.

**Academic Summary:**

Master of Science in Computer Science

Bachelor of Science in Computer Science

**Tech Stack/ Skills:**

* **Languages:** C#, C++, JavaScript, Typescript
* **Framework:** ASP.Net Core, ASP.Net (Web API, MVC and MVC Core), Entity framework
* **Frontend:** React JS, Angular, ASP.NET MVC (Razor Engine), jQuery, Handlebar.js
* **Build Tools:** Jenkins, Power shell script, NAnt
* **Version controlling:** GIT, TFS, VSS, SVN
* **Database:** Oracle, MS SQL Server
* **Work Environments:** Agile (Scrum and Kanban)
* **Cloud:** AWS Lambda, SNS, SQS

**Work Summary:**

**Financial ERP Tool – Winforms**

**Environment:** **Win Forms.NET 2.0, C#, Component One Controls, SQL Server 2005, Crystal Report**

**Outline:** It is a Financial ERP for municipality. It comprises of modules which are General Ledger, Tax System, Utility System, Cash Receipting, Accounts Payable, Accounts Receivable, Payroll System, Animal License, Business License, Gravel System, Cemetery System, Purchase Orders, Physical Asset and Equipment Costing, Project Costing.

**Responsibilities**:

* Created overall application architecture and design
* Worked on crystal report for reporting and several modules
* Developed Inquiry module and led the team
* Interacted with BA regarding the requirement and developed those in a professional manner
* Attended daily sync-up calls with the client to discuss status updates and identified new tasks

**Point for Sale – Web API for Backend and React Native**

**Environment: ASP.Net MVC Core, SQL Server, Visual Studio, VS Code, React Native, Bootstrap flex**

**Outline:** A very large-scale multi-tenant configurable mobile point of sale platform which frees sales staff from the traditional desktop. It takes your point-of-sale register to your customer for better engagement and accepts orders anywhere in the store. We reinvented the POS solution from being purely a transaction capture system to a client engagement and selling tool. ASP.Net MVC core was used for backend service and React Native for frontend. SQL server was used for data persistence. The same back-end API was being consumed by its Admin portal.

**Responsibilities**:

* Understood the business requirements
* Created overall application architecture and design
* Developed new functionalities, added new features in existing functionalities
* Fixed issues in previously developed features and functionalities
* Implemented end-to-end functionality from WEB API to React Native UI
* Reviewed and kept track of the work produced by peer developers
* Attended daily sync-up calls with the client to discuss status updates and identify new tasks

**Admin Portal for PoC – Web Application**

**Environment:** **ASP.Net MVC Core, React.js, Redux, Typescript, Bootstrap, RESTful API, MS SQL Server, GIT, Trello, Kanban, Visual Studio, VS Code**

**Outline:** An admin portal for point of sale. Web API for Admin portal was created using ASP.Net MVC Core and that API was consumed by the front end created by using React JS using Redux.

**Responsibilities**:

* Led the team and provided technical assistance to peer developers
* Worked on the development of APIs and UI
* Analyzed and refined requirements of a sprint backlog and project backlog items
* Designed and implemented a dashboard that gives the overall status of licenses for each tenant
* Delivered quality output by following engineering principles
* Reviewed merge/pull requests and conducted design reviews

**Lease Management System Payment Module**

**Environment: AWS Lambda using C#, Entity Framework, SQL Server, SNS and SQS**

**Outline:** Established communication channels between microservices through AWS SQS and SNS.

**Responsibilities**:

* Communicated with the client and gathered requirements
* Worked on the AWS Lambda that is subscribed to SNS topic and on success call another SNS topic
* Led the team and provided technical assistance to peer developers
* Analyzed and refined requirements of a sprint backlog and project backlog items
* Delivered quality output by following engineering principles

**Requirement Gathering Tool – Winforms**

**Environment:** **Win Forms.NET 2.0/3.5, C#, DevComponents Controls, SharePoint, TFS Integration**

**Outline:** It is a Winforms-based .NET application. developed in C # using .Net Framework 3.5. It is a file system-based product but has integration with multiple server-based solutions. Like Share point Server, Team Foundation Server, and others.

**Responsibilities**:

* Implemented Workflow of Team Foundation Server in product
* Implemented Source Control API work of Team Foundation Server in product
* Implemented change requests and fixed bugs
* Planned and executed training plans for junior developers and mentored newly hired software engineers
* Worked on dynamic form control creation that is done by reading XML file that is created by BAs

**Competence Scheduling System – Web Application**

**Environment:** **ASP.Net MVC, Oracle, Angular, IIS, Visual Studio, VS Code, Azure DevOps**

**Outline:** Built an employee schedule based on competence, skills, and availability to match the demands of a project. It tracks credentials and qualifications so users always have the right people for the required tasks. Followed Kanban for development methodology and for this used Azure DevOps.

**Responsibilities**:

* Participated in software and product development lifecycle including analysis, design, testing, and implementation of software solutions
* Built REST APIs using ASP.Net MVC for the front-end
* Worked on report module using CloseXML library to generate a report in excel
* Built boilerplate in Angular using Angular Reactive form for the setting screen of the system that is used by other developers as well thus resulting in less development time
* Provided running Mockup’s for better understanding of features to all stakeholders

**E-commerce Solution for Fashion Industry – Web Portal & Backend Processes**

**Environment: ASP.Net MVC, ASP.Net WebAPI for web service, ReactJS, Redux, Bootstrap, Handlebar.js, jQuery, Oracle 9i**

**Outline:** An e-commerce solution that provides real-time data to the online ordering process for customers and agents, making it easier to order and provide a value-added service while reducing trading costs. It is a flexible and cost-effective way of extending the wholesale sales channel.

**Responsibilities**:

* Handled their backend APIs and workflows
* Worked with a large team here and architected new features and helped the team to deliver quality deliverables
* Implemented lazy rendering so that users can perform order processing easily
* Created a setting page for products using React.js and Redux for a better UI experience
* Handled and organized product setting page so that admin can control which products need to be displayed where for better visibility

**Social Networking Website for Medical Condition Personnel**

**Environment:** **Angular 13, GitHub, GraphQL, NodeJS Web API, VS Code**

**Outline:** It is a health network that connects patients and caregivers in a safe permission-based manner. Its front end is developed using Angular 13 with server-side rendering support.

**Responsibilities**:

* Worked in the capacity of an architect
* Conducted R&D for new implementation and guided team for any technical debt
* Led the team and provided technical assistance to peer developers
* Suggested best practice and ensured that is implemented
* Suggested and guided the team in Angular upgradation activity from version 9 to 13