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|  | **Muhammad Tayyab**  Gujranwala Pakistan  tayyab.bhatti30@gmail.com , /  +923364978771  LinkedIn:[/in/mtayyab94](https://www.linkedin.com/in/mtayyab94/) , GitHub:[/Tayyab94](https://github.com/Tayyab94) [Portfolio Link](https://tayyab94.github.io/Portfolio_TayyabDev/) |

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| **Summary** |

Dedicated Full-Stack .NET Developer with a 5-year track record of delivering high-quality software solutions. Passionate about technology, committed to continuous learning, and eager to leverage expertise in backend engineering, hospital management software, and banking. Seeking opportunities to contribute to a dynamic team environment, utilizing MERN stack to develop innovative, user-centric applications.

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| **Technical Skills** |

· **Programming Languages:** C#, .NET Core, MVC4 5, MVC Core, .Net 6 7 8, Blazor, ReactJS, Nextjs, Nodejs, JavaScript, JQuery, SQL. Typescript, and Python

· **Front-End Development:** Html, Css, Javascript, React, Bootstrap, Tailwind css

· **Back-End Development:** AspNet Core API, Nextjs, NodeJS, C#, Python, Blazor

· **Database Management:** SQL Server, MySQL, Postgress, MongoDb and Firebase

· **Version Control:** Git, GitHub and Bit- bucket API Integration

· **Unit Testing:** X-Unit, N-Unit Testing, Agile Methodologies, Problem Diagnosis.

· **Deployment and DevOps:** CI/CD, github, gitlab, bitbuckit, Azure

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| **Experience** |

1: L3 (Senior software Engineer) / Aventra Group, Malaysia 04-2024 (Present)

**Aventra Group** is a consulting organization based in Malaysia with a strong presence in various sectors such as energy, information and communication technology, logistics, media and communications, and maritime operations. The company focuses on digital transformation and innovation, offering services like data orchestration, application modernization, hybrid IT managed services, and secured vessel IoT solutions​

***Responsibilities:***

* **Lead Software Development Projects:** Oversee the full software development lifecycle for multiple projects, ensuring timely and high-quality delivery.
* **Technical Architecture Design:** Design and implement scalable and robust software architectures to meet business requirements and support future growth.
* **Mentorship and Team Leadership:** Mentor junior engineers and collaborate with cross-functional teams to enhance productivity and foster a culture of continuous improvement.
* **Code Review and Quality Assurance:** Conduct thorough code reviews to maintain high standards of code quality, performance, and security.
* **Technology Innovation:** Evaluate and integrate new technologies and methodologies to improve software development processes and product capabilities.
* **Client Interaction:** Engage with clients to understand their technical needs, provide solutions, and ensure their requirements are met through effective software solutions.
* **Contribute to Team Goals:** Actively participate in team meetings and contribute to project planning and strategy.
* **Documentation and Reporting:** Maintain comprehensive documentation of software designs, technical specifications, and project progress reports.

2: Software Engineer / Coto Eve World ltc

**Product:** Coto’s vision is to empower women creators by cultivating vibrant, self-governing communities that transcend boundaries. Through this, we unlock limitless opportunities for collaboration and creativity, while also providing avenues for monetization.

***Responsibilities:*** *12/2021 – 03-2024*

1. **Enhanced Business Efficiency:** Implemented improvements using C# and ASP.NET Core, resulting in over 95% customer satisfaction.
2. **Client Needs Translation:** Translated client requirements into software solutions, actively participating in requirement-gathering sessions and documenting project specifications using MySQL for database interactions.
3. **Scrum and Agile Meetings:** Led and participated in Scrum and agile meetings, fostering effective communication and collaboration within the development team.
4. **API Development:** Developed robust APIs for Frontend and Mobile App Developers, ensuring seamless integration and efficient data exchange.
5. **Integration of Third-Party Libraries:** Successfully integrated third-party libraries into the project infrastructure, enhancing functionality as required.
6. **xUnit Test Cases Implementation:** Implemented comprehensive xUnit test cases to ensure the reliability and stability of software components.
7. **Utilization of Entity Framework Core:** Leveraged Entity Framework Core for SQL queries, optimizing database

interactions and enhancing overall data management.

1. **Planning and Refinement on AWS Facial Recognition:** Contributed to planning and refinement activities related to AWS facial recognition technology.
2. **Demonstrated Satisfactory Code** Quality and Technical Skills throughout the development process*.*

2: Associate Software Engineer / Ahealo tech  *01/2019 - 11/2021*

Ahealo is a comprehensive medical platform designed to streamline healthcare services through its four key sections: Admin, Doctor, Patient, and Trainer. Developed using C# MVC Core and integrated with JavaScript, jQuery API, and a secure payment gateway, Ahealo offers a seamless user experience for medical professionals and patients alike.

**Technical Specs:**

1. Backend: Built with C# MVC framework, offering a robust and scalable foundation.
2. **Admin:** Implemented an intuitive administrative interface allowing efficient management of all platform operations.

Enabled user management, content moderation, and system configuration functionalities for administrators.

1. **Doctor:** Developed a robust profile creation system empowering doctors to showcase their expertise and manage their schedules efficiently. Implemented features for appointment scheduling and management to facilitate seamless interactions with patients.
2. **Patient**: Engineered a user-friendly interface enabling patients to search for and book appointments with preferred doctors. Integrated consultation features ensuring patients receive timely and convenient medical advice and care..
3. **Trainer:** Designed a specialized section catering to trainers, offering similar functionalities as the Doctor section. Implemented a membership system granting patients access to free consultations within specific packages, enhancing user engagement and satisfaction.

**Responsibilities:**

* Demonstrated strong problem-solving skills by identifying and addressing technical challenges, optimizing code performance, and proposing innovative solutions.
* Developed automated tests for software applications.
* Designed efficient algorithms for data analysis and manipulation tasks.
* Executed unit testing on new or modified software components.
* Participated in design meetings, code reviews, and sprint planning sessions.
* Optimized code performance by implementing best practices and standards.
* Developed and maintained software applications using .NET framework.
* Translated project requirements into technical specifications and designed user interfaces.
* Conducted unit testing, bug fixing, and debugging for high-quality and stable applications.
* Integrated third-party APIs and developed APIs for seamless communication between systems.
* Adhered to coding standards for clean, scalable, and maintainable code

**3: Soft Arena Solution** *06-2018 t0 2019*

As a junior .NET Developer and Trainer at Soft Arena Solution, I contributed to software development projects while also playing a key role in mentoring and training aspiring developers in web development technologies. During my tenure, I gained hands-on experience in .NET development and honed my skills in teaching and guiding students in HTML, CSS, Bootstrap, and C#.NET.

**Responsibilities:**

* Collaborated with senior developers to design, develop, and maintain software applications using the .NET framework.
* Participated in the full software development lifecycle, including requirements gathering, coding, testing, and deployment.
* Assisted in troubleshooting and resolving technical issues to ensure the smooth functioning of software systems.
* Demonstrated a commitment to learning and growth by actively seeking out opportunities to expand my knowledge and skills in .NET development.

**Trainer:**

* Designed and delivered training sessions on web development technologies, including HTML, CSS, Bootstrap, and C#.NET, to students and entry-level developers.
* Created engaging and informative learning materials, tutorials, and exercises to facilitate hands-on learning and skill development.
* Provided personalized guidance and support to students, addressing their questions and concerns to ensure a positive learning experience.
* Monitored student progress and provided constructive feedback to help them improve their skills and achieve their learning goals.

**Achievements:**

During my tenure at Soft Arena Solution, I played a dual role as a Junior .NET Developer and Trainer. I successfully contributed to the development of software solutions, gaining practical experience in .NET development practices and methodologies. Simultaneously, I received positive feedback from students for my engaging teaching style, clear explanations, and supportive approach to learning. Demonstrating strong teamwork and communication skills, I collaborated effectively with colleagues and mentored students, ultimately contributing to the overall success of the organization.

Full-stack Developer / Freelance Project

By contributing to the "Digital Banking Transformation Project," I played a key role in empowering the bank to meet the evolving needs of its customers in the digital era while maintaining the highest standards of security and data privacy.

**Responsibilities:**

* Developed and maintained front-end web applications using HTML, CSS, JavaScript, JQuery and ReactJS.
* Designed database schemas to store application data using MongoDB
* Optimized website performance by implementing caching techniques.
* Collaborated with other developers in designing solutions for customer requirements.
* Collaborated with the IT and business teams to create a modern digital banking platform that enhanced customer experience and streamlined banking operations.
* Implemented end-to-end data encryption and multi-factor authentication to fortify the platform’s security and protect sensitive customer information
* Conducted thorough testing, including load testing and security testing, to ensure the platform's stability and resilience during peak usage periods

**other Products & tools**

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| * Facebook Clone (.NET MVC5) * E-Marketing (.NET MVC) * Donation Application (Blood & Medicine) (.Net Core) * ERP of Electronics Business (.Net Core) * Business Web Portal (ReactJs) * Job Portal (ReactJs) * Library Management (ReactJs) * E-Commerce (ReactJs |

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| **Education and Training** |

Bachelor: Information Technology (BSIT  *2019*

University of the Punjab - Pakistan

Bachelor : Fsc Pre-Engineering  *2015*

Punjab Group of Collages - Pakistan

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| **References** |

References available upon request.