SYED NAQVI

TARGET ROLE: JUNIOR SOFTWARE DEVELOPER

South Kensington, UK/Willing to Relocate | **MOBILE:** 07864675484 | **EMAIL:** work.smadad@gmail.com | **LinkedIn** | **GitHub** | **Portfolio**

EDUCATION

De Montfort University Leicester   **Leicester, United Kingdom**
Bachelor of Science in Computing - Academic Recognition: First-Class Honours   *Oct 2020 – Sep 2023*
ACTIVITIES: DMU Hackers (Sessions), DMU Esports Society (Dota 2, CSGO, Minecraft, MLBB, Rocket League), DMU Snow Sports.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES: C#, Java, Python, ASP.NET, VB.NET, JavaScript, PowerShell, Node.js
DATABASES: SQL, SQL Servers, NoSQL, MongoDB, MySQL, Cosmos DB, DynamoDB

CLOUD PLATFORMS: GCP, AWS, Azure, Heroku
METHODOLOGIES: Git, Agile (Scrum), Waterfall, SDLC, TDD, SOLID Principles
TESTING FRAMEWORKS: NUnit, xUnit.Net, Unittest, Pytest

NOTABLE PROJECTS

Project: Parkie - Parking System Administration   **Nov 2022 – May 2023**
- Led 3 developers through Agile processes, securing legal counsel and funding for the development of a web and chatbot app.
- Created a user-friendly Flask-based web interface with MongoDB for efficient data storage, ensuring seamless user experiences.
- Managed user accounts, including registration, profile editing, and security measures, such as implementing a secure guest login, Blowfish encryption, and error handling. Maintained secure handling of sensitive data via environmental variables.
- Designed Node.js with Express.js REST API for structured data operations and built backend functionalities for parking management using MongoDB, Stripe, and SendGrid while automating updates and notifications through scheduled tasks.
- Develop a Django NLP AI chatbot (spaCy en-language model) with MongoDB for user interactions and admin authentication.
- Received "**Best Final Year Project Prize**" recognition for Parkie - Parking System Administration from De Montfort University.
- ***Tools**: Python, MongoDB, GCP, Batch, Node.js, HTML, CSS, PowerShell, and Agile*

Project: Goodreads Dataflow Book Analytics   **Feb 2023 – Apr 2023**
- Utilised various databases, including MongoDB, for NoSQL data extraction, optimisation, and effective data management.
- Designed MongoDB database tailored for Goodreads book data and conducted ETL processes for seamless data integration.
- Maintained detailed progress journals and ensured comprehensive and accessible project documentation for future reference.
- Optimised data indexing to enhance query performance and applied data modelling techniques to ensure database reliability.
- Conducted thorough data analysis to derive meaningful insights and contribute to informed decision-making processes.
- ***Tools**: MongoDB Compass/CLI, NoSQL, ETL, Data Analysis, Querying, Indexing, and ADM*

Project: University Portal   **Jan 2022 – Apr 2022**
- Spearheaded end-to-end web app development for an educational institute utilising MVC, JavaScript, C#, and HTML.
- Ensured optimal site performance by resolving issues and implementing enhancements, resulting in increased user satisfaction.
- Served as a Web Developer and System Analyst, effectively leading 5 members and monitoring project progress and milestones.
- Managed the development of the web app's features, specifically focusing on college course information and modules.
- Developed user interfaces, oversaw releases, and established collaboration guidelines to streamline development processes.
- Conducted testing procedures to identify and address potential issues while improving the overall quality of the web app.
- ***Tools**: JavaScript, MVC, C#, HTML, CSS, Bootstrap, Git, and UI/UX*

Project: Citibike Analysis - New York   **Oct 2021 – Jun 2022**
- Utilised SAS for data extraction, employing advanced procedures to ensure accurate and insightful analysis.
- Performed advanced queries to extract key information and automated workflows to enhance efficiency in data processing.
- Imported Excel data, applying expertise in formatting date-time columns to ensure compatibility with analytical procedures.
- Analysed station and customer frequencies, calculating time differences to derive meaningful insights into user behaviour.
- Examined, sorted, and explored start station names, return times, and station name differences to identify patterns and trends.
- Visualised data through the creation of informative graphs, enhancing the interpretability of analytical results.
- ***Tools**: SAS procedures, BI, Visualisation, and SAS Studio*

Project: Phone Paradise   **Jan 2022 – Mar 2022**
- Led a team of 6 developers, ensuring effective collaboration and communication throughout the development process.
- Engineered user-friendly forms for vendor, manufacturing plant, office, and order management for the Phone Selling System.
- Executed robust stock, pricing, and quantity management mechanisms to optimise product availability and order processing.
- Worked with product management to streamline order fulfilment processes, ensuring timely, accurate delivery to customers.
- Implemented add, delete, and edit functionalities for stock data, providing users with intuitive tools for managing inventory.
- Maintained a keen focus on data accuracy, system status, and inventory tracking, ensuring Phone Selling System reliability.
- ***Tools**: C#, ASP.Net, Git, SQL, CSS, and UI/UX*

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PROJECTS CONTINUED...

Other Projects
- **Eggcelerate, FeedFlock, The GameSphere** | *VB.net, ASP.net, C#, SQL, UI/UX, and Git*
- **FiberVerse Textile Software** | *SQL, UI/UX, and Git*
- **YolkProphet** | *Python, Pandas, Statsmodels*
- **MVC College Site** | *JavaScript, C#, HTML (Team Lead: AppCompS Team | 4 Members)*
- **Games (Aerowar, Digital Battlefield, Feathered Fantasia)** | *HTML, CSS, JavaScript*

WORK HISTORY

Al-Madad Mills   **Multan, Pakistan**
Software Developer I   *Apr 2020 – Jan 2021*
- Assisted in the design and implementation of software applications, ensuring adherence to coding standards and best practices.
- Debugged, tested, and resolved software defects, ensuring high-quality deliverables and a seamless user experience.
- Participated in code reviews to enhance code quality and foster knowledge sharing within the development team.

Software Development Intern   *Jan 2020 – Apr 2020*
- Collaborated with the software development team to design and maintain web applications using C#, ASP.NET, and SQL Server.
- Engaged in software development lifecycle, from requirements analysis and system design to coding, testing, and debugging.

ADDITIONAL INFORMATION

Interests:
- Actively involved in competitive gaming and achieved the rank of 1 in the UK and rank 3 globally.

Certifications:
- LINK