

## Syed Naqvi

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## Relocatable

### Personal Profile:

Accomplished Computing graduate with a top-tier **First-Class Honours** distinction, recognised for academic excellence and outstanding leadership. Winner of the coveted **Best Final Year Project Prize**, hailed as a "**Miracle Worker**" for adeptly leading multiple successful teams. Committed to continuous innovation, fortified by cybersecurity certifications, and crowned as the **Best Employee of 2020**, showcasing a remarkable dedication to excellence in software development.

### Technical Skills:

- **Programming Languages:** C#, Python, JavaScript, Node.js, ASP.NET, VB.NET.
- **Databases:** SQL (including SQL Servers), NoSQL (MongoDB), MySQL.
- **Methodologies:** Git, Agile (Scrum), Waterfall, SDLC, TDD, SOLID Principles.
- **Cloud Platforms:** GCP, AWS, Azure, Heroku.
- **Testing Frameworks:** NUnit.
- **DevOps and CI/CD.**

### Education:

#### De Montfort University

*Bachelor of Science (Computing)*

Leicester, United Kingdom

Oct/2020 - Sept/2023

#### First-Class Honours

- Led the efforts of four exceptional teams.

### Projects:

#### 1. Parkie - Parking System Administration | (Team Lead: Chamber of Secrets | **3 Developers**)

**The Best Final Year Project Prize** from De Montfort University.

- Led Agile development, securing legal counsel and funding for a comprehensive web and chatbot app.
- Created a user-friendly Flask-based web interface with MongoDB for data storage.
- Managed user accounts, including registration, profile editing, and security measures, such as implementing a secure guest login, Blowfish encryption, and error handling.
- Developed a Django NLP AI chatbot (spaCy en-language model) integrated with MongoDB, handling user interactions and admin authentication.
- Designed Node.js client interfaces with Express.js REST API for structured data operations, ensuring robust error handling and security practices.
- Built backend functionalities for parking management, incorporating MongoDB, Stripe, and SendGrid, and automated updates and notifications using a scheduled task.
- Maintained secure handling of sensitive data via environmental variables.

**Skills:** Python, MongoDB, GCP, Batch, Node.js, HTML, CSS, PowerShell, Agile.

**Link:** [GitHub](#) | [Parkie - Parking Management System](#)

#### 2. University Portal | (Team Lead: Hypertext Assassin Team | **5 Members**):

- Led web app development for an educational institute, in MVC, JavaScript, C#, and HTML.
- Ensured optimal site performance, resolving issues, and enhancing user satisfaction.
- Acted as developer and System Analyst, coordinating progress, and achieving goals.
- Managed web app development for college course information and modules.
- Developed interfaces, oversaw releases, and established collaboration guidelines.
- Conducted comprehensive testing and improved documentation.

**Skills:** JavaScript, MVC, C#, HTML, CSS, Bootstrap, Git, and UI/UX.

**Link:** [GitHub](#) | [University Portal](#)

### 3. Goodreads Dataflow Book Analytics:

- Proficient in MongoDB for NoSQL data extraction, optimization, and management.
- Designed MongoDB database for Goodreads book data and conducted ETL processes.
- Maintained detailed progress journals and optimized data indexing.
- Applied effective data modeling techniques.
- Ensured comprehensive project documentation.
- Conducted thorough data analysis.

**Skills:** MongoDB Compass/CLI, NoSQL, ETL, Data Analysis, Querying, Indexing, ADM

**Link:** [GitHub](#) | [Goodreads Dataflow Book Analytics](#)

### 4. Citibike Analysis - New York:

- Proficient in SAS for data extraction, analysis, and visualization.
- Resolved anomalies, conducted advanced queries, and automated workflows.
- Imported Excel data, formatted date-time columns.
- Analyzed station and customer frequencies, calculated time differences.
- Visualized data with various graphs.
- Examined, sorted, and explored start station names, return times, and station name differences.

**Skills:** SAS procedures, BI, Visualization, and SAS Studio.

**Link:** [GitHub](#) | [Citibike Analysis](#)

### 5. Phone Paradise | (Team Lead: ELMSA | 6 developers):

- Led a team of 6 developers to create an advanced Phone Selling System.
- Engineered user-friendly forms for vendor, manufacturing plant, office, and order management.
- Managed stock, pricing, and quantity for product availability.
- Collaborated with product management for order fulfillment.
- Implemented add, delete, and edit functionalities for stock data.
- Ensured data accuracy, system status, and inventory tracking.

**Skills:** C#, ASP.Net, Git, SQL, CSS, and UI/UX.

**Link:** [GitHub](#) | [Phone Paradise](#)

### Other Projects: (Some Examples):

- [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 Experience:

#### Al-Madad Mills

Multan, Pakistan

Software Developer I – C#

Apr/2020 - Jan/2021

- As a Junior Software Developer at Al Madad, I implemented automation solutions using C# and SQL, significantly reducing feed waste by 20% and enhancing poultry health monitoring by 15%, leading to substantial cost savings.
- I accelerated ticket resolution by 30% and optimised the management of the egg distribution hub by creating an application using WPF, C#, and ASP.NET, resulting in improved overall performance.

Software Development Intern

Jan/2020 - Apr/2020

- Worked with C#, ASP.NET, and SQL Server to develop and maintain web applications.
- Developed and maintained automated test scripts using NUnit, resulting in a 20% reduction in testing time.

**Awarded 'Best Employee of 2020'**