

Sharwari Shah

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EDUCATION

Master of Science in Management Information Systems, Texas A&M University - GPA: 4.00 May 2025
B.Tech in Electrical and Electronics Engineering, Visvesvaraya National Institute of Technology - GPA: 3.97 May 2021

SKILLS & CERTIFICATIONS

Core Technical Skills: C#, SQL, Python, Azure, Data Analysis, Machine Learning Models, .NET
Software/Tools: Microsoft Azure, Azure DevOps, Visio, Biztalk, Confluence, Microsoft SQL, MariaDB, AWS EC2, GIT, Microsoft Excel, Power BI, Postman, Azure Databricks, Azure Synapse, Azure SQL MI, Tableau
Management Skill: Stakeholder Collaboration, Cross-functional Team Leadership, Agile Methodologies
Certifications: [Az-204 Microsoft Azure Developer Associate](#), [Professional Scrum Master](#)

EXPERIENCE

Cloud Engineering Intern - Deloitte Consulting LLP May 2024 - December 2024

- Optimized cloud resource allocation for applications spanning insurance to tax calculations, cutting infrastructure costs by 25% while maintaining 99.99% uptime for systems processing 1M+ daily transactions, benefiting over 3M+ Kentucky residents
- Developed financial and health performance dashboards with Azure Monitor, tracking critical KPIs including resources costs, resource health and daily failures, enhancing decision-making by reducing reporting time by 30%
- Automated data recovery processes, ensuring consistent data integrity across system saving \$10M for the client
- Collaborated with stakeholders to translate business requirements into technical solutions, accelerating project delivery by 35% and enhancing alignment with business objectives

C# Developer - Applied Cognitive Ergonomics Lab, TAMU November 2023 - August 2024

- Optimized system performance through code enhancements and multi-modal integrations, reducing downtime by 30% and increasing user engagement by 20%

Analyst - Deloitte Consulting India Pvt. Ltd. July 2021 - August 2023

- Led a successful POC demonstrating a 500% performance boost in migrating legacy applications to Azure, securing a contract that increased project revenue by 40%
- Built scalable supply chain applications related to purchase orders, contracts, payments and invoices using C#.NET, Azure and CI/CD pipelines to streamline data processing between enterprise system resulting in \$2M+ increased annual revenue
- Optimized SQL database architecture by refactoring stored procedures and restructuring tables, reducing query latency by 30%

PROJECTS

Toman Bike Shop - Analytics Dashboard | [GitHub](#) March 2025

- Developed a Power BI dashboard to analyze revenue trends, demand fluctuations, and user segmentation
- Analyzed peak revenue hours, seasonal trends, and customer segments (casual vs. registered), predicting cost adjustments necessary to sustain profitability and optimize pricing strategies

Humana-Mays 2024 Healthcare Analytics Case Competition | [GitHub](#) September 2024 - November 2024

- Built end-to-end ML pipeline (data cleaning, feature selection, hyperparameter tuning) using Python, achieving 76% AUC with XGBoost in predicting patient engagement on 1.5M records
- Performed hypothesis testing to identify behavioral indicators, proposing strategies to reduce patient unengagement by 25%

LEADERSHIP & INVOLVEMENT

Events Head at BITS (Business Information Technology Students) at Mays Business School 2023 - Present

- Organized events connecting MIS students with industry professionals, enhancing career opportunities and industry engagement

Student Mentor at Visvesvaraya National Institute of Technology 2019-2021

- Mentored 15 undergraduates, dedicating 10 hours weekly to guide them through academic and personal challenges