Arshpreet S Aneja

asa1712@rit.edu ❖ (585) 230-3590 ❖ linkedin.com/in/ArshAneja ❖ github.com/ArshAneja

EDUCATION

Rochester Institute of Technology **December 2024**
B.S., Computing and Information Technologies, Concentration in Database Management *Rochester, NY*
- GPA: 3.6/4.0
- Dean's List **Fall 2021 - Spring 2022**

Relevant Coursework: Database Connectivity and Access, Information Requirements and Data Modeling, Introduction to Statistics I, Database Connectivity and Access.

SKILLS

- **Programming Languages**: Python, Java, Bash, HTML5, CSS, JavaScript, SQL.
- **Software:** Git, Putty, VMWare, VS Code, JGrasp, Bomgar, Ivanti, Azure Devops, SQL Foundational Server.

PROJECTS

Ecommerce Website Concept, Team Size: 5 **Fall 2022**
- Collaborated with my team members to create user stories and sprint plans in Azure DevOps.
- Designed the UML diagram as the appointed Database Architect and recommended AWS as the host for the ecommerce website since it's a reliable, scalable, and online platform.

Packet Capture Analysis Tool (Python), Team Size: 3 **Fall 2021**
- Filtered the raw text file so that only ICMP Echo Request and ICMP Echo Reply remained.
- Parsed each packet that way the necessary fields remained in the filtered text file.
- Computed data size, round trip time, request throughput, request goodput, average reply delay, and average number of hops per echo request on a per node basis.
- Used to analyze network activity and introduce network components like load balancing and new routes through the network.

WORK EXPERIENCE

ESL Federal Credit Union **December 2022 – Present**
Data Management Intern *Rochester, NY*
- Migrated bugs, backlog items, and related information from 2013 Team Foundation Server to Microsoft Azure DevOps.
- Tested Logical & Physical Models, Business Dimensional Models, Databases in different environments, and Source to Target Mapping when revising new releases. Contacted different teams regarding disparities which led to achieve data consistency.
- Implemented a new testing process that verified descriptions, attributes, and diagrams for dimensions and facts in the Business Dimensional Model, resulting in increased accuracy.

Rochester Institute of Technology **August 2021 – December 2022**
Course Assistant *Rochester, NY*
- Assisted 35 students per course in entry-level programming courses for Python, Java, and SQL at RIT, providing help with homework, in-class material, and test preparations.
- Provided individualized tutoring, and delivered feedback on assignments and assessments to help students succeed resulting in an average increase of 10% in test scores.
- Received positive feedback from both the professor and students for providing effective assistance.

ESL Federal Credit Union **May 2022 – August 2022**
Systems Support Intern *Rochester, NY*
- Provided technical support for 23 branches and headquarters by resolving software and hardware issues through ticket management. This helped me strengthen my technology knowledge and troubleshooting abilities.
- Successfully configured over 100 laptops and computers, updated and re-deployed TMagic Scanners, and fingerprint readers to meet with ESL's Security Standards.
- Coordinated branch maintenance with the PC Technicians and successfully upgraded equipment for 9 branches.