

Aarez Ali Momin

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EDUCATION

The University of Texas at Dallas, Richardson, TX
Bachelor of Science, Computer Science

May 2026

SKILLS: .NET Framework, Microsoft SQL Server, MongoDB, Express.js, React.js, Node.js, Git, Github, Flask, NoSQL, Postman, Microsoft Office, Data Structures & Algorithms, Visual Studio Code

Programming Languages: Python, C#, SQL, JavaScript, C++, Java, HTML, CSS

WORK EXPERIENCE

Four Hands, Austin, TX

May 2025 - August 2025

Software Integration Intern

- Assisted in the integration of data to and from the warehouse management system, ensuring seamless data flow
- Contributed to the development, testing, and debugging software applications
- Developed and maintain database objects and structures for efficient data storage, retrieval, and reporting
- Assisted in recommendations for application changes, document software specifications and train users

MindSpace AI, Remote, TX

December 2024 - March 2025

Software Engineering Intern

- Collaborated with the management team to understand business requirements and provide data driven solutions
- Constructed a full stack functioning application using React library to update, analyze, and track the data
- Used Node.js and Express.js, to store the data collection from the client side to the NoSQL database
- Implemented login/signup system using JSON Web Token (JWT) to protect the user data

PERSONAL PROJECTS AND VIRTUAL EXPERIENCE

Point-of-Sale (POS) System | .NET Framework, SQL Server, C#

June 2025

- Developed a desktop-based inventory and POS system using C#, WinForms, and SQL Server
- Implemented product management features with real-time data display and local database persistence
- Built invoice printing functionality using Print Document, generating formatted customer receipts
- Designed a clean user interface and integrated CRUD operations for efficient inventory tracking

MERN Book Management System | MongoDB, Express.js, React.js, Node.js,

December 2024

- Developed a full stack Book Management System using the MongoDB, Express.js, React.js, Node.js stack
- Built authentication using json web token to allow only authorized users to access the web pages
- Used Axios and fetch to connect the frontend with the backend by using restful APIs

Real-Time AI Emotion Detection System | OpenCV, TensorFlow, Python, Git

March 2025

- Developed an AI Emotion System that detects facial expressions of individuals by utilizing CNN, Keras, and OpenCV
- Implemented live video processing by using OpenCV to access the webcam to enable facial expression analysis
- Trained a CNN model on a dataset to detect emotions like happy, sad, angry, and shocked in milliseconds

Software Engineering Virtual Experience, Wells Fargo

October 2024

- Designed and visualized an Entity Relationship Diagram for financial advisors to modify their clients' data
- Attained requirements for building a system by implementing and managing the data
- Build a Spring application by modeling the data and transforming the Entity Relationship Diagram to actual code

ORGANIZATIONS

AI Mentee, Artificial Intelligence Society at UTD

Executive Officer, IMSA at UTD

AI Technical Assistant, Klutchshots AI