

TAUFEEQ ALI

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EDUCATION

University of Texas - Dallas

Aug 2023 - May 2026

Bachelor's, Computer Science

- Intro to Programming I & II
- Advanced Data Structures and Algorithms
- AI & ML
- Software Development
- Operating systems
- DB Management

PROFESSIONAL EXPERIENCE

ARGO Data

Richardson, TX, USA

Software Development Apprentice

Jun 2025 - Aug 2025

- Enhanced and maintained production .NET web applications, resolving bugs, improving UI/UX, and optimizing performance across internal monitoring tools.
- Implemented a Dynamic Routing & Process Status Panel to track RM and background process health, proactively alerting teams when services became inactive.
- Built a Customer Map dashboard using MapLibre JS + ASP.NET, visualizing 10,000+ customer office locations with real-time status indicators and filters for faster incident identification.
- Developed an Alerts & Monitoring Dashboard enabling breakdowns by day, server, and cumulative trends, improving visibility into production issues and response workflows.
- Partnered with team members to gather feedback, driving continuous improvements and visual enhancements across internal tools.
- Improved reporting views to surface customer environment metrics and team performance data, enabling more actionable operational insights.

PROJECTS & OUTSIDE EXPERIENCE

Pegasus - Data Management Tool

Nov 2025 - Present

Developer

- Built a multi-provider AI orchestration layer (OpenAI, Anthropic, Gemini) with NLSQL and RAG pipelines using SurrealDB vector indexing for private-data querying.
- Designed a unified database management system using an adapter-based architecture for seamless querying across PostgreSQL, MySQL, MongoDB, and SurrealDB.
- Implemented a modular file ingestion pipeline (Excel, XML, JSON) leveraging AI for automatic schema inference, header mapping, and sensitive-data sanitization.
- Architected a serverless backend on Vercel, including automated SurrealDB schema migrations, custom CORS security policies, WorkOS enterprise authentication, and Stripe subscription management.
- [Link to project](#)

Libra - AI Technology Assistant

Dec 2024 - Jan 2025

Developer

- Developed a full-stack application with Node.js and React, enabling users to receive real-time technical support and feature explanations through a responsive user interface.
- Integrated Google Gemini API to power AI-based responses for answering questions, troubleshooting errors, and explaining software features.
- Designed and implemented efficient API endpoints to handle user queries, process responses, and display relevant technical information.

SKILLS

- **Skills:** Git, Java, Python, Microsoft Azure, Data Science, Customer Service, Google Analytics, C#, Azure storage, Agile, ASP.NET, Data Analysis, Data Structures & Algorithms, .NET, PowerPoint/Keynote/Slides, SCRUM, Software Testing, UI/UX Design, Web Development, SQL

