

Atiqur Rahman

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EDUCATION

The University of Texas at Arlington

Arlington, TX

Bachelor of Science in Computer Science (Honors) | CGPA: 3.85

Expected May 2026

- **Relevant Coursework:** Data Structures & Algorithms, Linear Algebra, Discrete Structures, Object Oriented Programming
- **Awards & Honors:** HackTX '24, HackUTA 6, HackSMU VI, Maverick Scholarship, Dean's List, Freshman Distinction Roll

TECHNICAL SKILLS

Programming: Python, C, C++, C#, Java, JavaScript, TypeScript, HTML/CSS, R, SQL, NoSQL

Technologies: AWS, Azure, MongoDB, Firebase, Docker, Databricks, Cloudflare, LLM, Postman, TensorFlow, OpenCV, Android Studio, Unix, Agile

Frameworks: React, NextJs, NodeJs, React Native, .NET, Django, Flask

WORK EXPERIENCE

UTA Office of Information Technology

Arlington, TX

Web Developer

Oct. 2024 - Present

- Manage content updates for university websites using WordPress, Sitecore, and Cascade, optimizing images and scripts to enhance site performance by 20%..
- Resolve weekly web publishing requests via ServiceNow, adhering to ITIL standards by troubleshooting code errors and optimizing server configurations, achieving 95% SLA compliance.

UTA Academic Success Center

Arlington, TX

Supplemental Instructor - CSE 1320

Aug. 2023 - Oct. 2024

- Facilitated interactive group learning sessions for 58 students in Intermediate Programming, using problem-based learning techniques and hands-on coding exercises to reinforce key concepts and boost comprehension.
- Enhanced student learning experience by integrating SI strategies, Bloom's Taxonomy and Meta-cognition, into session plans; achieved a 40% increase in active participation.

PROJECTS

trasva.com | [Github](#)

Oct. 2023

- Engineered a comprehensive full-stack social platform for travelers utilizing **Next.js** and **MongoDB**, improving data retrieval speed by 35% through the implementation of optimized server-side rendering techniques.
- Integrated **Clerk** for authentication, **Uploadthing** for media handling, and **Google Maps API** for location services.

Waste.0 | [Github](#)

Oct. 2023

- Developed a machine learning-powered web app using Databricks for data processing and **AWS** for deployment to predict inventory levels and spoilage, with a frontend built using **Next.js** and **TypeScript**.
- Developed a robust authentication system using **Clerk**, integrated with **MongoDB** for seamless access control; enhanced security protocols resulted in zero unauthorized access incidents.

Goblin | [Github](#)

Oct. 2022

- Built a scalable expense management system using **.NET** for backend services, RESTful APIs for financial data processing, and **SQL** for relational database management.
- Deployed on **Microsoft Azure** for cloud scalability, using Docker for containerization and **C#** to enhance system performance and reliability.

Service Request System | [Github](#)

Oct. 2022

- Built an Android application for service request management, utilizing **Java** for multi-threaded operations and Firebase for real-time cloud database integration and secure user authentication, with a responsive UI built using design patterns.
- Crafted a responsive UI utilizing **Android Studio**'s framework along with best practices like established design patterns; this led to quicker response times during service request handling by 30%.

LEADERSHIP/EXTRACURRICULAR

ACM at UT Arlington | Director

Aug. 2024 - Present

- Leading a team of 85 members to manage and execute three major software projects, including the acmuta.com, mavgrades.com, and a roommate matching app.

UTA Datathon 2024 | Development Lead

Feb. 2024 - Apr. 2024

- Designed and developed a fully responsive website utadatathon.tech for UTA Datathon 2024 using **Next.js**, improving participant registration by 60% and enhancing sponsor engagement through optimized data presentation.