Atiqur Rahman

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EDUCATION

The University of Texas at Arlington | **Arlington, TX**
Bachelor of Science in Computer Science (Honors) | CGPA: 3.76 | **Expected May 2026**
- **Relevant Coursework:** Data Structures & Algorithms, Linear Algebra, Discrete Structures, Object Oriented Programming, Software Testing
- **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, PostgreSQL
Technologies: AWS, Azure, MongoDB, Firebase, Docker, Databricks, Cloudflare, Terraform, LLM, Postman, TensorFlow, OpenCV, Android Studio, Unix, CI/CD, Agile
Frameworks: React, NextJs, NodeJs, React Native, .NET, Django, Flask

WORK EXPERIENCE

Enchanted Rock | **Houston, TX**
Incoming Software & Devops Intern | **Jun. 2025 – Aug. 2025**

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 | *Next.js, MongoDB, Clerk, Uploadthing, Google Maps API* | **Nov. 2024**
- 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 | *React, AWS, Clerk, NoSQL, Databricks* | **Oct. 2024**
- 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 | *C#, .NET, SQL, Microsoft Azure* | **Sep. 2024**
- 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 | *Java, Android Studio, Firebase* | **Apr. 2024**
- Built an Android application for service request management, utilizing Java for multi-threaded operations and Firebase for real-time cloud database integration and user authentication, with a 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 develop 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.