Amina Haque

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EDUCATION

Bachelor of Science in Computer Science   May 2025
The University of Texas at Dallas, Richardson TX

RELEVANT COURSEWORK

Programming Fundamentals, Data Structures & Algorithms, C/C++ in UNIX, Probability & Stats, Computer Architecture, Artificial Intelligence, Digital Logic and Computer Design, Automata Theory, Database Systems, Human-Computer Interaction, Software Engineering, Public Speaking.

TECHNICAL & SOFT SKILLS

Programming Languages: C#, C++, Java, Javascript, Typescript, Python, HTML, CSS, SQL/MySQL

Frameworks & Libraries: React, React Native, Next.js, Node.js, Express, Expo, Tailwind CSS, Angular

Development Environments: Eclipse, Visual Studio Code, MARS, IntelliJ, Next.js Git, GitHub, Docker

Design & UI/UX: Figma, UX/UI Design

Operating Systems: Linux/Unix

PROJECTS

Aurora | Python, ML, React, HTML, CSS, Git   Jan 2025 - Present
- Created Aurora, a web app that analyzes historical weather data in Texas to forecast regional climate change impacts using machine learning, regression models, and interactive visualizations.

EcoCraft | MySQL, Python, Tkinter, Git   Aug 2024 - Dec 2024
- Developed a SQL-based database system that allows users (parents, teachers, and students) to input recycled materials and receive craft suggestions, promoting sustainability through fun, educational activities. Cutting search time by 55% with mySQL queries.

RoomieConnect | Java (Spring Boot), React, JavaScript, HTML, CSS, Git   Jan 2024- May 2024
- Built a full-stack web application for roommate matching; incorporated user preference forms, profile filtering, and messaging
- While web-based, applied UX principles.

WeHack   Feb 2023
- Contributed to a team project at Dallas' largest inclusive hackathon, delivering a prototype software solution within 24 hours using full-stack technologies

PROFESSIONAL EXPERIENCE

Freelance Developer Haque LLC, Remote   Sept 2024 - Present
- Built trading platform with 26% returns in 60-day simulations.
- Integrated Polygon.io and Interactive Brokers for real-time automated trades.

Software Integrator & Menu Engineer/ Designer of NoodleWave Carrollton   Jan 2023 - Present
- Integrated POS software, Collaborating with platforms such as Square, Doordash, Menufy, and Uber Eats.
- Reduce order errors by 32% and speeding service by 38%
- Implemented an iPad-based ordering system and set up a wireless printer system to streamline kitchen operations.
- Conduct training for new employees on POS systems
- Designed and develop both the visual and textual aspect of the restaurant menus

Software Engineer at Greater Dallas Youth Orchestra | Node.js, Next.js, React Native, Express, Expo   Aug 2023 - Dec 2023
- Developed and designed an IOS/android app that allows administration to collect and send data to the students, such as attendance, newsletters, forms, fees, and scheduling for over 400 students.

Mathnasium of Allen Instructor   Dec 2020 - Aug 2022
- Built a functional basis for elementary to high school students' math skills. Provided enriching advancement for those who needed to be challenged.
- Improved student math scores by 22% through tailored lessons

Waitress at NoodleWave Carrollton   June 2022 - Aug 2023
- Provided customer service to an average of fifty customers daily ensuring satisfaction. Conducted order management and team collaboration.