SUAL HARUN

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Education

The University of Texas at Dallas - Richardson, TX

Bachelor of Science, Computer Science   **August 2024 - May 2028**

Relevant Coursework: Computer Architecture, Data Structures and Algorithms, Software Engineering, Discrete Mathematics, Computer Science II

Certifications

- **AWS Certified Cloud Practitioner** – Earned certificate demonstrating foundational cloud knowledge, including AWS global infrastructure, core services, and security best practices.
- **AWS Certified Solutions Architect** – Associate (In Progress) – Currently preparing for certification to validate skills in designing distributed systems on AWS with considerations for scalability, security, and cost optimization.

Experience

Vantashala – Frisco, TX   **May 2024 - August 2024**

Intern

- **Backend Development:** Built and integrated backend services powering customer-facing dashboards (e.g., "Recent Orders" module), enabling real-time order tracking and improving client visibility into activity.
- **Code Optimization:** Refactored and cleaned legacy code across multiple repositories, reducing technical debt and improving software maintainability for the team.
- **Deployment & Delivery:** Supported production rollouts by pushing updates to live environments, ensuring smooth delivery of new features to customers with minimal downtime.

Projects

FocusFlow - Pomodoro Study Timer *(React, Spring Boot, OAuth2, WebSocket)*   **July 2025**

- Built full-stack focus session application with Google OAuth2 authentication, real-time WebSocket synchronization, YouTube music integration, and comprehensive analytics dashboard tracking user study habits and session completion rates

Movie Recommender (Java, Spring Boot, Python, Data Science)   **May 2025**

- Developed a movie recommendation website with a Spring Boot backend integrated with a Python machine learning model that applies TF-IDF vectorization and cosine similarity on movie descriptions to suggest relevant films, exposing results through REST APIs that include hyperlinks to streaming platforms.

Personal Portfolio Website (Spring Boot, Thymeleaf, HTML/JavaScript)   **January 2025**

- Designed and deployed a personal portfolio site built with Spring Boot and Thymeleaf templates for backend-frontend integration, while emphasizing responsive frontend development using HTML, CSS, and JavaScript to showcase projects, skills, and social links.

Skills

Technical / Computer Skills: Java, Python, C++, AWS, JavaScript, HTML, CSS, Spring Boot, Spring Security, Thymeleaf, React, H2, MongoDB, GitHub, Docker, MySQL, PostgreSQL

Extracurricular

Pages 4 Ages (Non-Profit): Managed logistics for fundraising events and book drives, raising over $2,000 to purchase and support the distribution of educational resources.

FIRST Robotics Competition - Builder: Contributed to a fast-paced team environment to design and fabricate a complex robot mechanism under a strict deadline and limited budget.