Syed Ashar

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EDUCATION

The University of Texas at Dallas August. 2020 - May. 2023
Bachelor of Science in Computer Science GPA: 3.8/4.0

SKILLS

Programming: Java, Python, Flask, MySQL, React.js, Spring Boot
Relevant Coursework: Data Structure, Advanced Algorithms, Computer Architecture, Database, Operating Systems
Languages: English, Hindi, Urdu, Spanish

EXPERIENCE

Software Engineer Intern | J.P Morgan Chase | Houston, TX June. 2022 - Aug. 2022
- Created an application dashboard to monitor actuator metrics for the team's applications using React.js and Spring Boot
- Implemented Grafana and Prometheus to monitor app metrics for modules centered around a Debt Capital Market trading application which increased the team's debugging efficiency by 30%
- Deployed project to the private cloud through Kubernetes and Maven

PERSONAL PROJECTS

J.P Morgan Chase Code for Good Hackathon October. 2021
- Developed a web application to enhance the engagement between mentor and mentee for the Femergy non-profit
- Designed a front-end with HTML and CSS to gracefully display a chatbox and login page for Femergy users and integrated a back-end with SQL databases and Flask web framework
- Collaborated with J.P Morgan engineers and team members to effectively tackle technical obstacles

Coronavirus Tracker January. 2022
- Developed an HTML web-based application that reports the total number of cases in each country, updates cases every 24 hours, and displays the number of current cases
- Incorporated a CSV library to separate each record from the data set used
- Employed Spring Boot along with Spring Web and Thymeleaf dependencies to create this tracker

Arcade Tennis Game February. 2022
- Demonstrated an arcade tennis game field through HTML5 on canvas
- Utilized JavaScript elements to implement real-time mouse input for tracking
- Created a novice-level AI by detecting user input and responding to user actions

Productivity Reminder Discord Bot May. 2022
- Created a Discord bot to send customizable reminders for users to stay on task
- Utilized a Java Discord API, which wraps the Discord REST API with Gradle to create the reminding functionality

Weather Forecast Tracker Application July. 2022
- Built a weather forecast application using React.js and the OpenWeatherMap API
- Enabled users to check the weather forecast for various spans of time and for over 200,000 cities worldwide

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Co-President/Founder July. 2021 - Present
Association of Tech Mentorship (AOTM)| Richardson, TX
- Coordinate and lead a UTD organization that introduces programming to middle school and high school students in underprivileged areas of Dallas
- Oversee club operations and meetings with program mentors to implement an effective club development plan