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, JavaScript, Spring Boot, React.js, Firebase
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, increasing the team's debugging efficiency by 30%
- Developed cloud-native applications on a private cloud architecture 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 React.js 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

Daimler Truck Dashboard (Hackathon Winner)   November. 2022

- Designed and developed a highly responsive and interactive full-stack application that continuously monitored truck and driver performance using React.js and Firebase
- Optimized performance and safety by implementing advanced monitoring features, including driver behavior tracking, vehicle maintenance tracking, and real-time incident reporting, resulting in improved efficiency, safety, and cost savings

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
- Employed Spring Boot along with Spring Web and Thymeleaf dependencies and incorporated a CSV library for parsing

Employee Management System   December. 2022

- Built a responsive full-stack application using Spring Boot, React.js, and MySQL to enable easy and secure employee information manage
- Implemented key features that enable admins and managers to view, edit, and delete employee information, as well as manage changing schedules and roles, resulting in improved efficiency and productivity

Stock Chrome Extension   January. 2023

- Developed a Chrome extension using core JavaScript that retrieves stock information such as stock price, stock description, and 52-week high from the Yahoo Finance API based on the stock ticker entered

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