AYASHA KHAN

Boston | MA | 02215 | (857)-763-8928
khan.ayas@northeastern.edu | https://www.linkedin.com/in/ayasha-khan-57955b14b

EDUCATION

Northeastern University   Boston, MA
Master of Science in Information Systems   Sept 2023 - May 2025
Related Courses: Application Engineering & Dev, Web Design

Shri Govindram Seksaria Institute of Technology and Science   Indore, India
Bachelor of Engineering in Computer Science & Engineering   Jul 2015 - May 2019
Related Courses: Data Structure, Algorithm Design, Object-Oriented Programming, DBMS   GPA:7.30/10

TECHNICAL KNOWLEDGE

Language: Java, Python, C, JavaScript.
Web Technologies: HTML, CSS, React.js
Frameworks, Tools & Technologies: Junit, MVC, REST APIs, JIRA, Splunk, Kibana, Instana, Kubernetes, AWS.
Version Control: Git, GitHub, Bitbucket.

WORK EXPERIENCE

Infosys Ltd.   Mohali, India
Technology Analyst   **Oct 2022 - Aug 2023**
- Participated in the successful re-platforming of online sites of a leading sports brand to new applications resulting in shutdown of legacy systems and reduction of operational cost by 60%.
- Identified application and deployment-related defects, proposed feasible solutions to the product team, provided quick fixes, and executed workaround solutions to mitigate the impact on live customer orders flowing through Java microservices deployed on Azure Kubernetes pods.
- Received Infosys Insta Award for contribution with workarounds and quick fixes during application soft-launch.

Senior System Engineer   **Dec 2021 - Sept 2022**
- Successfully elevated legacy on-prem applications to AWS. Configured and deployed QA, and QA2 servers on EC2 instances, took care of firewall connectivity, and Data synchronization of on-prem and AWS databases.
- Managed different tools for monitoring: Splunk, and Instana- for indexing, designing reports, and dashboards.

System Engineer / System Engineer Trainee   **Nov 2019 - Dec 2021**
- Completed intensive training in MERN stack, and react-native with a 93% score.
- Completed the final capstone project: Rebuilding and designing a user interactive dashboard using React JS to facilitate the travelers to onboard and visit itinerary by showing the status at different stages. Collected data on the server side through RESTful API calls. The backend was designed with spring-boot MVC architecture, logging various application events using logback, writing test cases, and performing unit testing using Junit and Mockito.

PROJECTS

Online Art Gallery Management (Java SpringBoot | Junit | Mockito | React.js**)**
- Developed a full-stack web application using React JS, the backend was developed using Java spring-boot and MVC architecture for blogging and art Gallery management.
- The application allows users to post blogs, edit, and upload their artistic works.

Application Implementation of Object Detection & Classification (Arduino | Python | OpenCV | Numpy | Keras**)**
- Developed a YOLOv3-based model that finds conditional class probabilities of an object to classify it into object classes, and trained it on a custom dataset of 1.4M images with 68% accuracy.
- The model is integrated with an IoT-based project, the count of the vehicle on different images is sent to Arduino to identify an image with the maximum vehicle count and uploaded to an output electric board to simulate traffic signals.