Isham Kalappurackal Mansoor

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SUMMARY

An active leader and motivated General Engineering major at Virginia Polytechnic Institute and State University, with a strong passion for AI and Cloud Computing. Experienced in developing and implementing technical solutions through various internships and academic projects. Adept at problem-solving, collaborating in team settings, and driving projects to successful completion. Seeking opportunities to contribute to innovative projects, leverage my technical skills, and learn from experienced professionals in a dynamic and collaborative environment. Eager to bring fresh ideas and a strong work ethic to an organization that values continuous learning and growth.

EXPERIENCE

A Round Ent., New Jersey - Software Engineer
June 21, 2024 - Present
- ❖ Developed and maintained frontend applications using the React framework.
- ❖ Expanded role to include backend development, creating and optimizing API calls using systems like Firebase, Mailchimp, and Mapbox.
- ❖ Implemented and integrated APIs with the frontend, ensuring a structured and well-designed project.
- ❖ Collaborated with the team to suggest design improvements, enhancing the overall working environment by implementing an agile working environment.

SIDE PROJECTS

- ❖ **Machine Learning:**
  - ➢ Using TensorFlow and other prebuilt models, I created a project with the following capabilities:
    - ■ Facial Recognition, Pose Detection, and Object Detection
- ❖ **NASA Research:**
  - ➢ I conducted research about a future Mars Mission at the NASA Langley Research Center. Mainly, 3d modeling a habitat for the astronauts going on the mission using Unity Engine.
- ❖ **Website: e-Dirasa** - 02/2019 - 03/2019
  - ➢ Provided a demo website for an upcoming startup non-profit organization
  - ➢ Strengthening the connection between the members of a community
  - ➢ Web Link: https://madrasa-app-2840e.web.app/
- ❖ **Website: Madrasa** - 02/2019 - 03/2019
  - ➢ Increasing the use of internet to spread the religious knowledge in my community
  - ➢ I initiated a plan to create a website to help students to be more connected with the internet while continuing their religious studies.
  - ➢ Web Link: https://englishlearners-bfc93.web.app/
    (username: demo@gmail.com: password: user123)

SKILLS

- ❖ Java, Javascript, Python, and HTML
- ❖ ReactJS and React-Native
- ❖ AI and Machine Learning (TensorFlow)

- ❖ Unity and Unreal Engine
- ❖ Problem Solving
- ❖ Communication

CERTIFICATIONS

- ❖ CompTIA IT Fundamentals (ITF+) Certification, Comptia - May 2023
- ❖ Succeeding in Web Development: Full Stack and Front End, LinkedIn - Aug 2020
- ❖ Learning SQL Programming, LinkedIn - Oct 2020
- ❖ Learning Java, C#, and Python, LinkedIn - Oct 2020

EDUCATION

High School Diploma: 06/2023 - Great Bridge High School (Chesapeake, VA)
University: 08/2023 (currently Enrolled) - Virginia Polytechnic Institute and State University (Blacksburg, VA)