

Humera Naaz

Software Engineer

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OBJECTIVE

Passionate Computer Scientist with a flair for transforming code into cutting-edge solutions, I am pursuing a Master's in Computer Science at San Francisco Bay University. My goal is to contribute innovative solutions to software development projects, with a focus on utilizing powerful SDKs and APIs. Drawing from hands-on experience with ROS, OpenCV, and Adobe Experience Manager SDKs, I aim to enhance dynamic web experiences and drive technological advancements. Dedicated to staying at the forefront of the technology landscape, my objective is to actively contribute to the software development field, embracing opportunities for continuous learning, growth, and collaboration in a dynamic and innovative environment.

TECHNICAL SKILLS

Programming Languages: C/C++, Embedded C, Java, Python, Java Spring Boot.

Web Languages: HTML, CSS, JavaScript, Angular, typescript, reactjs and nodejs.

Others: SQL, Robot Operating System, (ROS), image processing (OpenCV), Adobe Experience Manager(AEM).

WORK

Infosys— Software Engineer Hyderabad, India 07/2022 - 05/2023

- Developed a single-page application using angular and java to implement an E-commerce website.
- Designing and implementing software solutions using Java and Angular.
- Developing RESTful web services using Spring and Hibernate frameworks.
- Utilized Agile/Scrum methodologies to manage software development life cycle.

Infosys—Software Engineering Internship Hyderabad, India 01/ 2022 - 04/ 2022

- Contributed to the development of web applications using Java and Adobe Experience Manager (AEM).
 - Mentored in web development using AEM and Java technologies.
 - Integrated various APIs and web services with web applications.
 - Utilized Agile/Scrum methodologies to manage the software development life cycle.
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EDUCATION

San Francisco Bay University California, Fremont 05/2023 - Present

MS in Computer Science

AGGREGATE (CGPA): 3.63

Muffakhham Jah College of Engineering and Technology

Bachelor of Engineering in Information Technology India, Hyderabad 2018-2022

AGGREGATE (CGPA): 3.17

PERSONAL PROJECTS

VANET-Based Emergency Vehicle Assistance

Implemented a Vehicular Ad-Hoc Network (VANET) system focused on ambulance-assisted emergency medical services. This project focuses on emergency vehicles, sending automatic alerts with location and route details. In non-threatening scenarios, it warns nearby vehicles, and in congested situations, it uses detour algorithms to ensure swift emergency response. Open-source simulators OMNET++ and SUMO were employed for network and traffic simulations.