Muzammil Ayaz K

Full Stack Developer

Contact Details

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Objective

Looking for opportunities to learn new technologies and eager to work with talents and mentors. Results-driven Full Stack Developer with a solid background in MERN stack development, C++, and Node.js add-ons. Leveraging a passion for building scalable and innovative web applications, I am eager to contribute my skills to a dynamic development team. Proven experience in delivering end-to-end solutions, from designing user interfaces to implementing server-side logic. Adept at collaborating with cross-functional teams and embracing challenges in a fast-paced environment.

Educational Qualification

Course	Institution	Year	Percentage
B Tech Mechatronics	SRM Institute of Science and Technology	2016-2020	79%
12th Standard	Sunbeam Matriculation and Higher Secondary School	2016	87%
10th Standard	Shiksha Matriculation and Higher Secondary School	2014	97%

Experience

Company	Year	Description
VisAI labs	May 2021 - April 2024	Gained knowledge in MERN stack, computer vision, integration across languages and frameworks and working with cloud platforms
Cognizant	August 2020 - April 2021	Gained knowledge in database and mainframe

Projects:

1. **VMeasure Ultima:**

vMeasure is a dimensioning solution used to measure object length, width, height, volumetric weight and actual weight based on computer vision. The modules developed in this project are mentioned below

vMeasure Ultima app: A linux based electron application using react, mysql and nodejs and other node packages such as express, axios etc. This application is integrated with barcode and weight scale sdk. The application stream camera data to help user place measurement object inside measurable region, The measurement can be triggered using UI, barcode trigger and using https request to provide seamless dimensioning experience.

vMeasure Backup service: Docker based microservice used to push measure and debug data of measured object, this push can be scheduled, instantaneous or asynchronous based on user configuration. Asynchronous upload is a queue-based system which was developed using rabbitmq package.

vMeasure software update service: Docker based microservice used to update edge application.

vMeasure local service: Docker based microservice used to access device using local network instead of depending on UI.

Technical skills:

1. Frontend development with React hooks, Angular, redux and thunk
2. Backend development with Typescript, Nodejs, express and electron
3. Database management with Mysql and redis
4. C++ and node js integration using node-addon-api
5. Html/CSS
6. Javascript
7. Typescript
8. Rest API and socket design and implementation
9. Docker
10. Git
11. C++
12. Linux Operating System Proficiency – shell scripts, file handling, cron tabs, logrotate, ip configurations, services, ramdisk and ssh.
13. Agile methodologies
14. JIRA and confluence

Development skills

1. Debugging skills
2. Adapting to new codes and frameworks.
3. Minimalisitic designing.
4. Workflow based designing.
5. Integration of softwares.

Social skills

1. Adaptability
2. Flexibility
3. Patience

Languages known

English, Urdu, Tamil, Hindi

Hobbies:

Anime, novels and games