

JAFAR N.J

Application engineer

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OBJECTIVE

To get an opportunity that allows me to show my skills and contribute to the company's growth. Also to enhance my skills by taking on this challenging position and expanding my knowledge

EXPERIENCE

- Application engineer, Frinks.Ai** 15/11/23 – 15/11/25
- Application Engineer with 2 years of hands-on experience in designing and implementing machine vision systems. Skilled in selecting and integrating lighting, cameras, lenses, sensors, and PLCs based on application needs
 - **Data Annotation:** hands-on experience, I have developed a strong proficiency in various annotation tools, including CVAT, LabelImg, and Apeer. I have successfully completed numerous projects involving detailed image and video annotation, ensuring high-quality data labeling. Additionally, my expertise extends to OCR annotations using PPOCRLLabel, where I have accurately annotated and processed textual data from images, enhancing the performance of OCR models. I also have experience in 3D image annotation using CVAT, enabling precise labeling for applications requiring spatial understanding.
 - PC Building & Maintenance: Assembling custom PCs from scratch, selecting compatible components (CPU, MB, GPU, RAM, PSU, etc.), BIOS setup, OS installation Diagnosing and resolving hardware/software issues—RAM errors, overheating, driver conflicts, boot failures, and performance optimization
 - PLC programming: Developed expertise in programming Omron and Delta PLCs.
 - Proficient in Modbus TCP/IP and FINS protocols.
 - Machine Vision System Design: End-to-end design of vision systems tailored to specific industrial applications

EDUCATION

2020 – 2023

Diploma in Electronics and Communication Engineering, State Board of Technical Education
Grades - 8.1 CGPA

SKILLS

Problem-Solving

Strong analytical skills to troubleshoot and resolve technical issues efficiently.

Adaptability

Quick learner, with the ability to adapt to new technologies and software platforms.

Communication

Excellent verbal and written communication skills for conveying technical information effectively.

Customer Focus

Dedicated to meeting client or organizational requirements and exceeding expectations.

Safety Procedures

Knowledge of safety protocols and adherence to safety guidelines in industrial environments

Teamwork

Effective collaborator, capable of working with cross-functional teams on complex projects.

Time Management

Efficiently manage tasks and meet project deadlines.

Attention to Detail

Meticulous in ensuring accuracy in programming and system configuration.

Continuous Learning

Enthusiasm for staying updated with the latest industry trends and advancements.

LANGUAGES KNOWN

English

- Read and Write
- Speak

Arabic

Read and Write

Hindi

- Read and Write
- Speak

Tamil

Speak

Malayalam

- Read and Write
- Speak

STRENGTH

- Strong sense of responsibility and self-motivation.
- A quick learner and willing to work sincerely to yield an efficient performance.
- I am always keen to learn new things to build my prosperous career.

CERTIFIED COURSES

PGDAC - Post Graduate Diploma in Automation and Control Engineering

CDECO - Certificate in Data Entry and Console Operation

SEMINAR AND PROJECTS

FOOTSTEP POWER GENERATION, *Conducted a seminar*

TIME DELAY CIRCUIT, *A mini project*

MICROCONTROLLER BASED FACTORY AUTOMATION, *Main Project*

TECHNICAL SKILLS AND INTERESTS

PLC Programming

Proficient in writing and debugging ladder logic for various PLC platforms (e.g., Omron, Delta, Mitsubishi, Siemens, Schneider Electric).

PLC Hardware

Experience with selecting, installing, and maintaining PLC hardware components like controllers, I/O modules, and communication interfaces.

Communication Protocols

Proficiency in industrial communication protocols like Modbus and Ethernet/IP for device connectivity.

Data Annotation

Proficient in using annotation tools like CVAT, LabelImg Apeer, and PPOCRLabel for image, video, OCR, and 3D model annotations. Skilled in producing high-quality labeled datasets for machine learning and computer vision applications.

HMI Systems

Familiar with designing HMI screens, data acquisition, and real-time monitoring using HMI software (e.g., DopSoft, GT Designer 3)

Instrumentation

Understanding of various sensors and instruments (e.g., temperature sensors, pressure transmitters) and their integration with control systems.

Panel Wiring

Hands-on experience in panel layout, wiring, and connecting devices following industry standards.

Data Entry and MS Office

Proficient in fast and accurate data entry with strong attention to detail. Experienced in managing, organizing, and analyzing data using Microsoft Office tools such as Excel, Word, and PowerPoint. Skilled in creating reports, formatting documents, and performing data-driven tasks efficiently while maintaining data accuracy and confidentiality.

DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false statement made may result in disqualification from employment opportunities or termination of employment if already hired.