

ARAVINTH KUMAR ALAGU

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Seeking a Position in **MECHANICAL ENGINEERING**

(Expertise in Fabrication, HVAC, MEP, Injection Molding, Safety, Fire System, International standards, Code of Practice, Training)

- ⇒ 5 years experienced in Engineering, Fabrication and Safety Training.
- ⇒ Professionally qualified Bachelor's degree in Mechanical Engineering and Diploma in Industrial Safety.
- ⇒ Well versed in MS Office applications, AutoCAD & other computerized environment.
- ⇒ Have detailed knowledge of fabrication, injection molding, safety procedures, inspection, auditing, legislation.
- ⇒ Well versed in preparing reports, documentation, and verifying required safety documents.
- ⇒ Self motivated; comfortable in taking initiative & working independently.
- ⇒ Can work under pressure and meet deadlines.
- ⇒ Strongly commercial with excellent communication and influencing skills.

PROFESSIONAL EXPERIENCE

Engineer, Prevention Pro Pvt Ltd, Tamil Nadu, India (June 2018 to August 2021)

Responsibilities:

- Managing overall operations for Appliances, Refrigeration and Air-Conditioning products.
- Deliver all tools required for the fitting including power tools, hand tools, scaffolding, and ladder on time and in the exact numbers as mentioned in the list.
- Ensure safe construction of heating, ventilation, and air conditioning maintenance according to rules and regulations set by the safety policy manual by the company.
- Liaison with various stakeholders including sales, customer, etc. for commercial, technical issues.
- Comply with international standards and codes of practice for mechanical engineering, including ASHRAE, ASPE, BS, IBC, NFPA, ANSI/ASME, and other regulatory standards.
- Conduct experiments methodically, analyze data and interpret results.
- Evaluate overall performance, reliability, and safety.
- Take part in risk workshops and report any risks associated with MEP installations or general projects to the Project Director.
- Review Contractor's mechanical services material proposals against specified technical performance requirements and advise the Project Director on the appropriateness of the recommendations.
- Undertake general project site observation/inspection of the mechanical services works for Contractor's adherence to the approved shop drawings and Consultant's specification, good working practices, and construction schedule.
- Documentation of the Conduct Testing inspection process for a variety of tasks including the light test for ducts, underground chilled water piping system, and hydro test.
- Coordinate with team, client and do consultation on mechanical services.
- Identify, formulate, and produce effective solutions to emerging problems.

Process Engineer, Bright Autoplast Limited, Tamil Nadu, India (February 2016 to May 2018)

Responsibilities:

- Working with molding technicians, customers, and support personnel, improve quality and output of molded components.
- Supervision of operating parameters of molds and related support equipment. Assures adherence to manufacturing tolerances.

- Leads, plans, and coordinates projects to meet quality, productivity, and cost objectives consistent with departmental goals.
- Supports mold and press replacement, upgrades, operation, and set-up.
- Supports design, implementation, and maintenance of all molding auxiliary equipment.
- Initiate, investigate, and develop new ideas, methods, materials, and safety improvements.
- Prepare technical reports and charts detailing mold and operational performance in relation to established goals.

PROFESSIONAL TRAININGS

- **NSIC- Tamilnadu Skill Development Corporation:** Machine Tool Design using Computer Aided Design Software SOLIDWORKS & CATIA.
- **Schwing Stetter Pvt Ltd:** Manufacturing of Concrete Mixture Drum: AM 3, AM 6 (N2) Fabrication, Gas Cutting, Welding, Sand Blasting, Painting.
- **Wheels India Limited:** Manufacturing of Forged Aluminum Wheels, Heat Treatment, Forging, CNC Machining, Polishing.

PROFESSIONAL QUALIFICATIONS

- **Diploma in Industrial Safety** from Annamalai University, India- 2017-2018
- **B.E (Mechanical Engineering)** from Vels University, India- 2010-2014
- **IOSH MS 4.0**
- **CIEH RA & FS**
- Diploma in Advanced CNC Programming and Operating with CAD/CAM

PERSONAL PARTICULARS

- Date of Birth : 26th February 1992
- Gender : Male
- Linguistic Abilities : English, Tamil & Hindi
- Marital Status : Single
- Passport No : M7752027
- Nationality : Indian
- Visa Status : Visit (Till May 17, 2022)
- Availability : Immediately

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Al Karama, Dubai

Best Regards,

Aravinth Kumar Alagu