

RIYASHKHAN MYDEEN BASHA

MECHANICAL ENGINEER

P +974-77438827.

E Riyashkhan1298@gmail.com

A Bin Mahmoud, Doha, Qatar.

W www.linkedin.com/in/riyashkhan-mydeen-bacha-b21368354.

PROFESSIONAL SUMMARY

Detail-oriented and results-driven Mechanical Engineer with over five years of experience specializing in Production, Fire Fighting and HVAC systems. Proven expertise in designing, executing, and supervising MEP (Mechanical, Electrical, and Plumbing) installations in residential, commercial, and industrial projects. Adept at ensuring compliance with safety codes, building regulations, and green building standards. Strong knowledge of AutoCAD and industry-standard practices.

EXPERIENCE

Maintenance Engineer- JBK Controls, Doha, Qatar June'2025 TO Present.

- Performing routine checks and scheduled inspections for building management systems (BMS) and fire detection/alarm systems.
- Assigning jobs to technicians and following up to ensure work is completed on time.
- Assisting safety teams with tasks like fire alarm responses.
- Providing reports to senior management about daily activities and job status.

Mechanical Engineer Srimukha Precision Products, Chennai, Tamil Nadu-India. APRIL'2021 TO MAY'2025

- Conducted thorough inspections of parts produced by CNC machines to ensure compliance with quality standards and specifications.
- Operated furnaces for hardening, tempering, annealing, and normalizing of steel parts.
- Collaborated with cross-functional teams to bring products from concept to production.
- Maintained detailed engineering drawings and documentation.
- Maintained detailed records of production output, inspections results and equipment activities for quality control purposes.

EDUCATION

**B.E Mechanical Engineering,
2015 – 2019.**
Rover Engineering College,
Tamil Nadu-India.

Participated in a workshop & training in NDT conducted by A+.

KEY SKILLS

- PRODUCTION & OPERATIONS MANAGEMENT
- HEAT TREATMENT PROCESSES
- FACILITY MANAGEMENT (FMM)
- PREVENTIVE & PREDICTIVE MAINTENANCE
- MS OFFICE WORD, EXCEL
- AUTOCAD
- TEAMWORK

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- Conduct routine inspection and maintenance of **firefighting systems** – fire pumps, sprinklers, fire extinguishers, fire alarm panels.
 - Respond to emergency breakdowns and implement corrective action plans to reduce equipment downtime.

Maintenance Supervisor - FMM

BKS Electronics and Hardware, Perambalur, Tamilnadu-India (JUNE'2019 TO MARCH'2021)

- Executed HVAC and Fire Fighting system installations for multi-story buildings and industrial facilities.
 - Conduct site inspections and participated in testing and commissioning of HVAC and Fire Fighting installations.
 - Supervised fire protection systems including sprinkler networks, fire hose reels, and FM200 systems in accordance with NFPA codes.
 - Assisted in material selection and procurement as per project BOQ and specifications.
 - Supervised subcontractors and led a team of technicians during project execution phases.
 - Conducted safety audits and risk assessments in coordination with HSE team.
 - Prepared maintenance reports, equipment logs, and spare parts inventory tracking.
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