

## ROOHUL AMIN KHAN

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### SUMMARY

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Customer-oriented, driven HVAC Engineer with 6+ years of experience in the industry. Immense experience with all type of air-conditioning equipment, operation management, design techniques, preventive & corrective maintenance, and AutoCAD. Impressive ability to learn on the job and cater projects as need based on the layout, equipment requirements, budget and client needs. Focused on high-quality workmanship with a strong commitment to customer satisfaction.

### EXPERIENCE

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#### **TKE Airport Solutions Management | HVAC Engineer, Qatar**

**July 2022 - Present**

- Oversee project scope, budget, and schedule, ensuring accuracy in HVAC and Building Services Design documentation.
- Develop HVAC layouts, equipment schedules, and control schemes while conducting load calculations and system performance analysis using HAP, REVIT, and Excel.
- Implement quality control procedures, checklists, and emerging technologies to enhance inspections and operational efficiency.
- Provide guidance to HVAC operations and maintenance teams, conduct system audits, performance analysis, and troubleshooting for optimal functionality.
- Ensured compliance with ASHRAE, OSHA, integrating energy-efficient HVAC solutions and indoor air quality (IAQ) measures.

#### **Petron engineering Construction Ltd. | Planning Engineer, Gujrat**

**May 2021 - June 2022**

- Developed and maintained project schedules using Primavera P6, MS Project.
- Monitored project progress, identified delays, and implemented corrective actions to ensure timely completion.
- Coordinated with project managers, site engineers, and stakeholders to align schedules with project objectives.
- Conducted resource planning, cost estimation, and risk analysis to optimize project execution.
- Prepared and presented progress reports, dashboards, and forecasts to management and clients.
- Ensured compliance with project timelines, budgets, and contractual requirements.

#### **United Yousef M. Naghi co. Ltd | HVAC Supervisor, Saudi Arabia**

**November 2019 - April 2021**

- Supervised and coordinated operations, maintenance, and repairs of air-cooled chillers, split ac, HVAC systems.
- Provided technical guidance to technicians and mechanics for troubleshooting, diagnostics, installation, and repairs of HVAC systems.
- Managed requisitioning of equipment, tools, and repair parts to ensure efficient workflow.
- Oversaw all work performed by the team, ensuring quality, safety, and compliance with industry standards.
- Conducted routine inspections, preventive maintenance, and performance evaluations of HVAC equipment.
- Assisted in developing maintenance schedules, optimizing system performance, and reducing downtime.

#### **Voltas Limited | Project Engineer, Mumbai**

**July 2018 - September 2019**

- Planned, coordinated, and executed HVAC projects from initiation to completion, ensuring adherence to project scope, budget, and timelines.
- Monitored project progress, identified potential risks, and implemented corrective actions to maintain project efficiency.
- Managed logistics, procurement, and material coordination to ensure timely project execution.
- Enhance stakeholder engagement by designing and distributing post-meeting surveys, which captured feedback and informed project adjustments, actions increased stakeholder satisfaction by 20%.

## Central Tool Room | Internship, Ludhiana

January 2018 - June 2018

- Gained hands-on experience in AutoCAD, SolidWorks, NX, and Mastercam for design and manufacturing applications.
- Assisted in CNC programming and operation, optimizing machining processes for efficiency and precision.
- Provided support in various departments, including Rapid Prototyping (RPT), Design, Inspection, Heat Treatment, and Production.

## EDUCATION

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- **Post Graduate Certificate in Logistics & Supply chain Management** | Manipal Academy of Higher Education, Bengaluru February 2024 - March 2025
- **Mechanical Engineering** | RIMT Institute of Engineering & Technology, Mandi Gobindgarh August 2014 - April 2018

## CERTIFICATIONS

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SolidWorks | Auto CAD 2D & 3D | Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep | Introduction to Indoor Air Quality | Revit MEP 2019 Essentials and Intermediate | Project Management Capstone | Capstone: Applying Project Management in the Real World | Oracle Primavera P6 – Project Setup and Basic Management | Excel Skills for Business: Intermediate 1 | Advance Excel | Initiating and Planning Projects | Budgeting and Scheduling Projects | Managing Project Risks and Changes | Fundamentals of Project Planning and Management | ChatGPT for Project Management: Insight, Planning, & Success | Six Sigma Principles | Lean six sigma white Belt | Project Management Foundations: Budgets | Project Management Foundations: Ethics | Project Management Foundations: Risks | Project Management Foundations: Communication | Supply Chain Analytics Essentials | Supply Chain Principles | Demand Analytics | Supply Chain Excellence Capstone | Communication strategies for Virtual Age | Organizational Behavior: How to Manage People | Business Analytics and Project Manager Collaboration | Effective Leadership | Critical Thinking | Procurement Negotiation | Business Analytics with Excel: Elementary to Advanced | Supply Chain Digitization: Strategy and Design

## LANGUAGE

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Hindi | Urdu | English

## PASSPORT

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Passport No: S4277212 | Date of expire: 10/10/2028 | Place of issue: Patna