

John Doe

Refrigeration Design Engineer

johndoe@example.com | +1234567890 | London, UK

Summary

Detail-oriented Refrigeration Design Engineer with over 7 years of experience designing and optimizing refrigeration systems for commercial and industrial applications. Skilled in thermal load calculations, system layout, and compliance with industry standards.

Experience

Senior Refrigeration Design Engineer - FrostTech Engineering Solutions 2019-06 - Present

London, UK

- Lead the design and development of advanced refrigeration systems for commercial and industrial facilities ensuring energy efficiency and regulatory compliance.
- Coordinate with HVAC, mechanical, and construction teams to integrate refrigeration designs seamlessly within building systems.
- Conduct thermal load calculations and select appropriate refrigeration components to optimize system performance.
- Prepare detailed design documentation, including schematics, technical specifications, and installation guidelines.
- Mentor junior engineers on refrigeration design principles, software tools, and industry best practices.

Refrigeration Design Engineer - CoolAir Engineering 2016-01 - 2019-05

Manchester, UK

- Designed refrigeration systems tailored to client needs using CAD and refrigeration design software.
- Conducted site surveys to gather data for accurate load and system design calculations.
- Collaborated with project managers and contractors to ensure designs met performance and budgetary requirements.
- Ensured compliance with health, safety, and environmental standards related to refrigeration systems.
- Produced technical documentation for client approvals and regulatory submissions.

Education

BSc in Mechanical Engineering 2010-09 - 2014-06

University of Engineering and Technology

Diploma in Refrigeration Technology 2008-09 - 2010-06

City Technical College

Skills

Refrigeration System Design

Thermal Load Calculations

CAD and Design Software

Energy Efficiency Optimization

Regulatory Compliance

Technical Documentation

Project Coordination

Team Mentorship