

MUHAMMED HARSHAD C

ELECTRICAL ENGINEER

Current Location Dubai,UAE
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Gender Male
Date of birth February 9, 2001
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RESUME SUMMARY

Highly motivated and detail-oriented Electrical and Electronics Engineering course completed and a diploma in 5D BIM , with 1+ year of experience in Automatic solar cleansifier and 6 months in building construction design and supervision. Proficient in leveraging technical expertise to deliver innovative and sustainable energy solutions.

WORK EXPERIENCE

MEP ENGINEER

MTR SUPER BUILDING CONSTRUCTION 2024

Real Estate Builders & Construction company in Puthanazi Kerala , India Skilled MEP Engineer with expertise in electrical BIM modeling, focusing on designing and integrating mechanical, electrical, and plumbing systems with accuracy and efficiency.

PROJECTS

Automatic solar cleansifier (Duration May 2023 - Jun 2024) Solar energy is a sustainable and eco-friendly power source. Photovoltaic (PV) solar panels convert sunlight to electricity but require regular cleaning to maintain efficiency. Dust accumulation can significantly reduce their effectiveness. An automatic cleaning system, using an Arduino nano-based design, addresses this issue, ensuring optimal performance and longevity of solar panels in various conditions

EDUCATION

BACHELOR OF TECHNOLOGY

Electrical and Electronics Engineering 2020-2024

MEA Engineering College, Perinthalmanna , APJ Abdul Kalam Technological University

HIGHER SECONDARY

Computer Science 2019

GHSS Edathanattukara , Kerala State Board Kerala , India

HIGH SCHOOL

GOHSS Edathanattukara

2017

Kerala State Board , Kerala , India

CERTIFICATION

5D BIM

SOFTWARE SOFTWARE SKILLS

- Revit MEP , Revit Architecture
- Autodesk Navisworks
- AutoCAD Electrical , Architecture
- Ethical Hacking | parrot os

LANGUAGE

English , Malayalam , Hindi , Tamil

SKILLS

- Electrical system design
- Load calculation
- Load Calculation
- Electrical System Design
- Plumbing System Design
- HVAC System Design
- Fire and Safety Design
- Lighting System Design
- Cost Estimation and Budget Management
- Decision Making
- Project Management
- Team Leadership

PERSONAL DETAILS

Marital Status : Single

Passport : C3469277

Visa Status : Visit Visa 14/12/24 to 13/01/25