

CHANDRAMAOULI

SOLAR PROJECT ENGINEER

CONTACT

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Chennai, Tamilnadu

www.reallygreatsite.com

CORE SKILLS

- Solar Plant Commissioning & Testing
- Performance Monitoring & Optimization
- Preventive & Breakdown Maintenance
- Energy Yield Analysis
- Vendor & Stakeholder Coordination
- Technical Documentation & Reporting

TOOLS

- AutoCAD (for system layout design)
- PVsyst (solar system simulation)
- MS Excel, Python and Power BI (data analysis & reporting)
- SCADA Systems (monitoring & control)
- MATLAB (basic analysis)
- Electrical Testing Tools (multimeter, clamp meter)

EDUCATION

BACHELOR OF ENGINEERING

ELECTRONICS AND COMMUNICATION ENGINEERING

KARPAGAM COLLEGE OF ENGINEERING

YEAR : 2020-2023

CGPA : 7.98

CAREER OBJECTIVE

Motivated Electronics Engineering graduate with practical experience in solar projects, aiming to secure a position at Tata Power Solar Systems Limited where I can apply my skills in solar PV systems, manufacturing, and maintenance to support clean energy initiatives.

EXPERIENCE

RURAL ELECTRIFICATION CORPORATION SINCE : 2023

DESINATION : SOLAR PROJECT ENGINEER

Worked as a Solar Project Engineer with REC under TNEB consultancy, handling installation, commissioning, and performance monitoring of solar PV systems while ensuring compliance with safety and regulatory standards.

NOKIA NETWORK SOLUTION 2019 - 2020

DESINATION : PRODUCTION ENGINEER

I served as a Production Engineer at Nokia Network Solutions, managing manufacturing operations, quality control, and process optimization to improve efficiency and reduce downtime.

PROJECT

SOLAR PV PERFORMANCE ANALYSIS AND PREDICTIVE OPTIMIZATION ONGOING

TECHNOLOGY USED : POWER BI, PYTHON AND SQL

- Analyzed solar panel performance using data such as temperature and irradiance
- Created simple visualizations to understand trends and improve energy generation

GAS LEAKAGE DETECTION SYSTEM USING GSM MODULE 1 MONTH

TECHNOLOGY USED : POWER BI, PYTHON AND SQL

- Designed a system to detect leakage gas using appropriate sensors
- Integrated GSM module to send alert messages during leakage detection

DIPLAMO IN ENGINEERING

ELECTRONICS AND COMMUNICATION ENGINEERING

ST.JOSEPH POLYTECHNIC COLLEGE

YEAR : 2017-2019
CGPA : 71%

HSC

COMPUTER - MATHEMATICS

SHIR VIDHYAA GIRI MATRICULATION HR.SEC.SCHOOL

YEAR : 2016-2017
CGPA : 59%

LANGUAGES

- ENGLISH(proefficient)
- FRENCH (basic)

REFERENCE

NAME : CA. C. RAMESH BABU
DESGINATION : DEG, REC
EMAILID:cacrameshbabu@gmail.com

INTERNSHIP

ELECTRONICS RELAYS FOR HIGH VOLTAGE APPLICATION

COMAPNY : JVS ELECTRONICS PRIVATE LIMITED

- Developed and maintained web applications to support business operations
- Designed user-friendly interfaces and ensured smooth functionality

WEB APPLICATION DEVELOPMENT

COMAPNY : MVN EVOLUTION

- Worked on design and testing of high voltage relay systems
- Assisted in assembly, inspection, and quality testing of electronic components

CERTIFICATION

MASTERCLASS IN DATA ANALYTICS

NOVITECH, COMIBATORE

GRID CONNECTED ROOFTOP SOLAR

TATA POWER CO. LTD