



Sabarish S

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Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

Experience

- Patel Engineering Ltd (Pumped Storage Hydro Electric Project 500MW)** 13/03/2022 - 15/07/2024
Project Engineer - Electrical
 1. Reviewing the design plans and execution of electrical system & components. Liaising with Client Engineers and proper implementation of program.
 2. Analyze Electrical system requirements, Capacity, Cost and Project needs and then develop a system plan and review Single line Diagram (SLD).
 3. Work with Project Managers to ensure projects are going on satisfactorily, on time, and within budget.
 4. Supervise the installation of cables to terminals & Junction boxes, Transformer and other equipment in underground platforms.
 5. Maintenance of Electrical Equipments including VCB, ACB, HT, LT Panel PCC, MCC, RPCC Control Panel, Transformer, Cables, Motors, Compressor, DG Sets and etc.
 6. Knowledge on Underground Tunnel execution and Machineries used.
 7. Resolving any unexpected technical difficulties and other problems that may arise in the project.
 8. Maintaining records, preparing reports and other related correspondence related to work. Scheduling, planning and organizing work history of all maintenance activities.
 9. Co-ordinate with multidisciplinary teams, including Mechanical, Civil Engineers to ensure cohesive Project Execution.
- Murali & Co (Pumped Storage Hydro Electric Project 500MW)** 01/07/2018 - 31/12/2021
Electrical Site Engineer
 1. Operation & Maintenance of 4*500KVA HT service line.
 2. Operation & Maintenance of 625KVA, 500KVA & 62.5 KVA DG set.
 3. Recording & maintaining the power factor through APFC Panel CSPF - 100
 4. Maintenance of Intercom, Telephone lines & UPS.
 5. Operation of crusher plant 75 TPH machinery.
 6. Operation & Maintenance of Batching Plant MT0.5
 7. Operation & Maintenance of Atlas copco GA90 Electric Air compressor.
 8. Maintenance of Starters and dewatering pumps.
 9. Operation & Maintenance of 25 Ton, 40 Ton & 10 Ton winch system.
- Danfoss Drives** 13/08/2013 - 30/05/2018
Production Engineer
 1. Plan & coordinate production engineering process on daily basis to produce high quality products.
 2. Analyzing all facts of Production and making recommendations for improvement.
 3. Develop operational strategies to achieve production & Financial objectives.
 4. Supervising the Manufacturing processes, ensuring quality work is done in a safe, efficient manner.
 5. Provide training and guidance to team members to achieve production goals.

Projects

- Design & implementation of Microcontroller based Prepaid Electrical Vehicle Charging System**
 - Using a microcontroller, relays, and an RF module, we created a simple charging station for electric vehicles that can enable charging for the user's vehicle.
 - This RFID charging station authorization system makes charging at a charging station simple and convenient for a user. By allowing charging authorization to happen automatically when an EV arrives, the proposed system outperforms the current system.
 - This method reduces operation time by incorporating an RFID system at the charging station, which allows for automatic user authorization.

Education

- **CSI college of engineering, ketti** 2012
Bachelor's of Electrical & Electronics Engineering
72%
- **Chamraj,Hr.Sec. School, The Nilgiris** 2008
Higher secondary school of Education
75%
- **Govt,Hr.Sec.School, The Nilgiris** 2006
Secondary school of Education
76%

Technical Skills

- Embedded System Design
- SAP MM
- MS Office Suite

Activities

- Farming Activities
- Watching Documentaries & sports over the weekends.

Achievements & Awards

- Won Best Employee of the Year at Danfosss Drives.

Languages

- English
- Tamil
- Hindi

Reference


- **Mr.G.Sunil - Patel Engineering Ltd (KPSHEP)**
Deputy Manager - Electrical
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Personal Details

- Date of Birth : 19/05/1991
- Nationality : Indian
- Passport : S4975230

Declaration

- I hereby declare that the information furnished above is true to the best of my knowledge.



SABARISH S