

13270 Fos-sur-mer
Plus de 10 ans d'expérience
Réf : 260825105025



Junior electrical engineer

Ma recherche

Je recherche tout type de contrat, sur toute la région PACA, dans le Batiment.

Formations

09/2025 : Bac +5 à École centrale d'électronique (ECE)

Master of Science - Sustainable Energy Future Microgrid simulation & optimisation (HOMER Pro), hybrid energy system optimisation, IoT integration with MQTT, transmission design with NEPLAN and load profile analysis.

07/2022 : Bac +5 à Government Hydro Engineering College

Bachelors of Technology - Electrical Engineering IoT based smart parking system project and core electrical engineering curriculum.

Expériences professionnelles

04/2026 - à ce jour :

Process Engineer Intern chez Arcelormittal sur Fos-sur-mer (13)

Developed a productivity model using Gantt and Pert methodology to analyse the hot rolling mill process and identify production bottlenecks and critical paths. Automated extraction and analysis of operational signals from IBA and Business Objects databases. Evaluated bottleneck reduction strategies across furnaces, roughing mill, finishing mill and coiling operations, improving throughput and operational efficiency.

12/2024 - 08/2025 :

Industrial Automation Engineer chez Tmg Engineers And Associates sur Chandigarh

Led multidisciplinary engineering teams to prepare commissioning plans and validate control loops, LV electrical systems, and control philosophy for plant automation. Performed electrical diagnostics using SLD and P&IDs for commissioning SCADA to integrate motors and instrumentation. Improved system response time by 15 ms by optimizing alarm thresholds and risk assessment logic. Commissioned automation systems with SCADA and PCS 7 controller for 12 MW steam turbines and 120 t boilers.

08/2023 - 10/2024 :

Industrial Automation Engineer chez The Core Systems sur Chandigarh

Designed and tested automation systems, developing PLC and DCS panels, PID control loops and single line diagrams. Integrated industrial communication protocols (Modbus, Profinet, Profibus) for VSDs and servo motors using TIA Portal and WinCC. Validated control loops achieving 45 s response time for a power backup architecture with batteries and DG generation.

03/2022 - 07/2022 :

Electrical Engineer chez National Hydroelectric Power Corporation Ltd sur Sainj

Performed process electrical diagnostics and cabling using single line diagrams to restore a 200 MW generating unit in the Parbati II hydroelectric plant. Tested auxiliary systems with N1 approach for stator earth fault analysis and optimized transformer maintenance through no load and short circuit testing.

06/2021 - 07/2021 :

Electrical Maintenance Engineer chez Himachal Pradesh State Electricity Board sur Sundarnagar

Assisted in power transformer maintenance, field testing and de-commissioning projects for the regional network, validating risk and cost estimates and producing documentation.

Langues

French (Oral : courant / Ecrit : intermédiaire), English (Oral : maternelle / Ecrit : expérimenté), Hindi (Oral : maternelle / Ecrit : expérimenté)

Centres d'intérêts

Badminton, Swimming, Cricket, Kayak, Wind Surf, Travel and hiking, Cooking, Volunteering for events