



Senior Electrical and Control Engineer

Degree of education	Electrical Engineer, BSc
Languages	<ul style="list-style-type: none"> • English – fluent writing and speaking • Hungarian - native language.
Present Position	Senior Electrical and Control Engineer
Current Responsibility	<ul style="list-style-type: none"> • Package Equipment electrical / control system design • Local Control Panel / Cabinet / HMI design • PLC configuration / programming • Electrical heat and load calculation • Control logic description for DCS configuration / programming • Preparation of technical specifications / order documentation for electrical / control / instrumentation devices / accessories • Evaluation / Selection of electrical / control / instrumentation devices / accessories • Elaboration of electrical / control design documentation (schematics, layout, MTO, lists, narrative documents, manuals, specifications) • Contribution to EPC type offers (technical scope definition, engineering hour calculation, cost estimation, etc.) • Coordination of design tasks / data supplies inside project team • Provide technical support for EPC type projects and for other expert activities • Commissioning support
Qualifications / Certificates	<ul style="list-style-type: none"> • General Electric Integrated Compressor Control Training • Mark Vie Operator and Maintenance Training • Basic Eplan Training • Six Sigma Training • LM6000 Aero Package Operation and Maintenance Trainings
Licenses	<ul style="list-style-type: none"> • Hungarian Chamber of Engineers Electrical Designer • Hungarian Chamber of Engineers Electrical Designer of Hazardous Applications
Software knowledge	<ul style="list-style-type: none"> • AutoCAD, AutoCAD Electrical, Autodesk Inventor • Eplan

-
- Employment History**
- Sherbiny Engineering LLC (for 2 years)
Senior Electrical and Control Engineer
 - General Electric (for 7 years)
Gas Turbine Control Project Engineer
 - General Electric (for 4 years)
Control Cabinet Hardware Designer
 - General Electric (for 3 years)
Aero Packaging Manufacturing Support Engineer
 - Samsung SDIHU (for 5 years)
Automation Maintenance Engineer

WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Senior Electrical and Control Engineer for 2 years	SADARA CHEMICAL COMPANY <ul style="list-style-type: none"> • Sadara (Saudi Arabia) - Formalin Waste Water pH Neutralization Dosing Skid Electrical Control Hardware Design
	FARABI YANBU PETROCHEMICALS COMPANY <ul style="list-style-type: none"> • Yanbu (Saudi Arabia) - Cooling Water Treatment Dosing System Electrical Control Hardware Design
	XELLIA PHARMACEUTICALS <ul style="list-style-type: none"> • Budapest (Hungary) - Solvent Regeneration Unit Reconstruction Electrical Hardware & Instrumentation Design
Gas Turbine Control Project Engineer for 7 years	CHEVRON <ul style="list-style-type: none"> • Duri Power Plant (Indonesia) Control System & HMI upgrade / Technical Project Lead SONATRACH • Rhourd Nouss, Hamra, Rhourd El Baguel, Berkine Sonatrach Reinjection Plants (Algeria) Gas Turbine, Compressor Control and HMI Upgrades / Technical Project Lead
	GENERAL ELECTRIC <ul style="list-style-type: none"> • Meirama Coal Power Plant (Spain) Standalone Steam Turbine Overspeed Protection System Design / Technical Project Lead

WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
	<p>ITALIAN GOVERNMENT / Technical Project Lead</p> <ul style="list-style-type: none"> Montemartini Power Plant (Italy) Frame 5 Gas Turbine and Compressor Control System & HMI Upgrade / Technical Project Lead
	<p>TARANTO ENERGIA</p> <ul style="list-style-type: none"> Taranto Steel Plant (Italy) Frame9 Gas Turbine and Compressor Control System & HMI Upgrade / Technical Project Lead
Control Cabinet Designer for 4 years	<p>MOL</p> <ul style="list-style-type: none"> TVK Chemical Plant (Hungary) Steam Turbine Control System & HMI Upgrade / Control Cabinet Design <p>GALP ENERGIA</p> <ul style="list-style-type: none"> Galp Sines Power Plant (Portugal) Steam Turbine Control System & HMI Upgrade / Control Cabinet Design <p>ENIPOWER</p> <ul style="list-style-type: none"> Enipower Livorno Oil Refinery (Italy) Frame9 Gas Turbine Control System & HMI Upgrade / Control Cabinet Design <p>EXXONMOBIL</p> <ul style="list-style-type: none"> Exxon Mobil Rotterdam Power Plant (Netherland) Gas Turbine Control System & HMI Upgrade / Control Cabinet Design <p>MW KELLOG</p> <ul style="list-style-type: none"> MW Kellog Barrow Island LNG Plant (Australia) Condition Monitoring System / Control Cabinet Design <p>SWB</p> <ul style="list-style-type: none"> Mittelsbüren Steel Plant (Germany) DCS upgrade / Control Cabinet Design