

JOB POSTING REQUEST FORM

Job Details

Reference #	CP-277-2021
Company Name	Technica International SAL
Industry	Innovative automation solutions provider
Vacancy	Digital R&D Programmer
Job Type (<i>FT, PT, Contractual, Seasonal</i>)*	Full time job
Major	Computer Science or Computer Engineering or Electrical Engineering or Mechatronics.
Years of Experience	<p>3 - 5 years of experience in C# and Visual studio (full stack developer).</p> <p><u>Technical knowledge:</u></p> <ul style="list-style-type: none"> ▪ Background in databases (No SQL and SQL). ▪ Background in web concepts – Connectivity, Protocols, Security and Data Stream (Blazor, Html etc.). ▪ Complete understanding of the concept of networking, like client-server model, web-sockets and Ethernet communications in general. ▪ Must be familiar with the concept of the emerging technologies including Big Data, Machine Learning, AI, Blockchain etc. ▪ Algorithm design experience with one of the following: C#, C/C++, Java, Python, Matlab/Simulink. ▪ Complete understanding of the classes and objects and structure them efficiently (Abstraction, Inheritance and encapsulation). ▪ Strong debugging and troubleshooting skills. ▪ Enjoys working in the software development and automation technology field (very computer literate). ▪ Strong communication, organizational and time management skills. ▪ English Proficiency. ▪ Microsoft Office Proficiency. <p><u>Skills, qualities & attitudes needed:</u></p> <ul style="list-style-type: none"> ▪ Interpersonal skills: Interact positively with other team members by listening, questioning and understanding the body language. ▪ Analytical skills and problem solving: Analyze all issues by asking several questions, checking all the

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	<p>perspectives and by gathering all useful data in order to find appropriate solution for any problem that might occur and set an action to achieve it.</p> <ul style="list-style-type: none"> ▪ Prioritizing: Set priorities of the projects in relation to the department's plan, in order to achieve them within the agreed upon deadline ▪ Team Player ▪ Customer oriented
Education	Bachelor in Computer Science or Computer Engineering or Electrical or Mechatronics Engineering with strong academic performance or equivalent experience.
Location	Bikfaya, Industrial zone
Application Deadline	31/07/2021
Remuneration & Benefits	<p>Basic salary: based on qualifications, ranges between 1,800\$– 2,500\$, paid in Fresh Dollars</p> <p>Transportation</p> <p>Overtime</p> <p>Bonus</p> <p>Profit sharing</p> <p>Travel allowance</p> <p>Award for innovation, initiative and cost saving.</p> <p>NSSF</p> <p>Medical insurance</p> <p>Life and personal accident insurance.</p> <p>Annual leaves, sick leaves, wedding leave, paternity leave/maternity leave, death leave.</p>
Tasks & Responsibilities	<p><u>Research and development activities:</u></p> <ul style="list-style-type: none"> ▪ Develop various reusable components, frameworks and accelerators to reduce the development lifecycle of future projects. ▪ Interface with customers, users, project Engineers, R&D engineers, IT, internal digitalization team and other developers to define and implement solutions to meet requirements. ▪ Stay familiar with basic IIOT and web tools and concepts (e.g. MQTT, APIs, ERP, Web Apps, Cloud services etc.). ▪ Follow standard design control and software methodology and write concise requirements specifications, architecture specifications, and design description. ▪ Design and implement cloud, mobile and web applications based on Technica standards. ▪ Perform unit testing of software and assists in the

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verification and validation process.

- Provide planning and status information to the senior R&D Engineer.
- Provide on-site field support and commissioning to roll out newly developed applications to new customers.
- Write documentation related to product information, communication specifications, installation and maintenance procedures.

Knowledge sharing:

- Coordinate continuously with R&D Engineers for new technologies and R&D solutions integration and diffusion.
- Provide Customer with necessary operational and troubleshooting training after commissioning.