

ITCC

International Technical Corporate Consultancy d.o.o.
Private Technical Consultancy Firm - BUDVA - MONTENEGRO

18 April 2018

This small international engineering consultancy activity, focused on patented eclectic ideas and skills in physical, mechanical and mechatronics fields, with an open-minded technical team, based in Budva, Montenegro, announces a public

COMPETITION

For admission to employment:

Job title:

Skilled automation engineer, developer - C/C++ programmer

Job status:

Probation period of 3 months, after which the retained candidates will conclude indefinite time employment contract, full-time position

Location:

Variable between: Budva, Niksic, Podgorica, Crna Gora, Italy, France and Europe

Employee reports to:

Chief Design Engineer – Eclectic Engineering Group
Reporting languages French, Italian, English

Contract sector & legal details

Information and communication;
Job will be ruled under Montenegrin legal provisions integrated by international general and specific rules whilst performing work in foreign countries.

Financial earnings for the job:

Monthly earnings in the gross amount of € 1,500.00

Financier:

Private

Application deadline:

From 20 April to 15 May 2018

Application procedure

Short listed candidates will be invited for an interview in the period 15 May - 30 May, in Budva.

Application content:

- Motivation letter
- CV - Europass form
- Applications should be submitted personally via mail to the address:
tech@ITCC-mne.com

Position summary

The Automation Engineers for the project have the primary responsibility to design the automation for a specific area of the facility (Upstream, Downstream, Process Support, Utilities or HVAC). Working with the Process Engineers, the Automation Engineers, they will develop and maintain several automation deliverables (requirements, design specifications, application code and testing protocols).

The candidate will be joining a team of highly competent automation engineers already working on the various projects.

Once selected and hired, candidates will initially spend a period in Belgium in which a double activity of current capacity skills assessment and training time will be carried out; such assessment and training period will be spacing between one and six months.

Once candidates acquire their full autonomy, they will be normally working either in MNE or a UE country, spending several periods into the end customers facilities; such activity will depend by the different single projects carried out.

Work mobility would be an intrinsic essential element of the job.

Particularly, candidates will need to transfer on the mentioned projects a number of information acquired during meetings, briefings, drawings, sketches, pictures, etc. combined with quotes, external information, measurements on sight, overview of plants, engineering meetings, etc.; the combination of such inputs will find a glueing point in the particular skills of the candidates which should manage to work out the definitive design projects under the guide (also indirect and in distance) of their supervisors. This meaning that a pronounced functional and executive autonomy will complete the framework of the candidates' capacities.

It goes without saying that candidates must possess an excellent command of the English language, both technical and general, as well as having to show a mastery of the language also to face technical and discursive meetings.

Particularly appreciated will be the ability to speak Italian and / or French as many works will be intended for final clientele residing in such areas.

Under general direction guide by tutor, mentors or other guides, candidates will need to show a strong initiative character, demonstrating curiosity, confidence, breeziness and command of their activities, in other words with a strong self entrepreneur soul.

Standard duties and main responsibilities of the employee

- Software development performed internally to software house department of technical customers;
- Study, development and maintenance, of industrial vision solutions, image processing solutions, integration of the solution in automated processes;
- Monitoring, management and testing of developments and management of projects with contacts with intermediate and final customers;
- Write manuals, reports, attending meetings, working with studying groups, etc....;
- Liaise with design & construction management consultants on technical, quality, validation and cost issues;
- Play integral role in the technical specification of control systems for process equipment based on end-user requirements (hardware & software);
- Develop and implement software solutions through change control as required while understanding impact of actions to manufacturing and facilities equipment;
- Manage projects related to design, commissioning, and performance improvement of automated equipment;
- Provide out of hours 24/7 on call support, when needed and requested;
- Support, maintain and diagnose automation hardware;
- Review current production operations and ensure continual improvement;
- Engage with machine and equipment suppliers & new product development teams, Interacting with and managing automation contractors ensuring delivery meets specification, cost and time;
- Deliver successful and efficient automation project execution in terms of quality, cost, schedule and customer satisfaction establishing and managing project teams, identifying deliverables, time and cost, setting priorities and reporting to meet the needs of the business and the customer;
- Establishes relationships with the customers and equipment suppliers in pursuit of new business, product development, manufacturing process development, continuous improvement and on-going business development managing equipment suppliers, ensuring that new equipment meets the regulatory requirements of the business, validation, health and safety etc.;
- Generate, progress, approve, review and maintain automation documentation e.g. URS, FDS, FAT, SAT, and operator manuals complete with life cycle;
- Review and appraise relevant equipment and component technical submittals and proposals;
- Site based role during construction with an expectation to provide a leading technical role in the compliant delivery of the install activity;
- Provide oversight and input into all aspects of the design, construction and qualification schedule for the related elements of the facility, and also design/approval of hardware, software, and controls for automated equipment;
- Manage new equipment process and product introduction projects;
- When developing and installing new equipment, perform appropriate training and hand over to operations, assisting with specific training and development of personnel at all levels on new processes or systems introduced to the company, having care and compliance to all sites on environmental, health and safety requirements training, and regulations;

- Work with all departments across the business to ensure that new processes meet their requirements;
- Identify, specify and introduce new manufacturing methods and opportunities into the company;
- Ensure that the procedures and systems are in place to facilitate the introduction of new processes and equipment;
- Take the role of technical expert in the field of automated manufacturing processes and develop the understanding and competency of the business to meet the requirements of customers;
- Compliance to all local site company policies, procedures and corporate policies;
- Perform additional duties at the request of the direct supervisor;
- Act in accordance with the company's guiding principles and adherence to the corporate code of conduct;
- Working within an automation engineering team, develop strong proficiency with evident problem solving;
- Developing a work plan in accordance with the various project plans;
- Maintaining and updating such work-plan with insertion of new tasks/jobs and amendments;
- Planning of implementation in agreement with the supervisor;
- Participation in joint project activities, meetings and trainings;
- Preparation of project reports;
- Seldom presentation of work results at conferences.

It should be noted that this list is to consider exemplificative and not exhaustive.

CANDIDATE PROFILE

Education Qualifications

- Graduated Engineer as automation specialist, Informatic, Robotics, Mechatronics Engineering Bachelor;
- Master's degree in ICT, automation and mechatronics engineering;
- Alternatively, very evident and proved experience of the same level;

Knowledge and experience (necessary and desirable)

- Proved programming experience [necessary]
- strong knowledge in an object-oriented programming language [necessary]
- Knowledge of multithreading and network communication comprehending actual developments [desirable]
- Knowledge of programmable logic controllers (PLC)[necessary]
- Knowledge of the Qt framework[desirable]
- fluent English (spoken, read and written),[necessary]
- ability to work alone or in a group, with autonomy and initiative [necessary]
- curiosity by nature and interested in progress, whilst learning in a high-tech environment [necessary]
- Evidence of capacity of problem solving [necessary]
- Excellent knowledge of English language [necessary]
- knowledge of Italian and/or French language and good editorial [desirable]

- Experience with using quantitative statistical applications [desirable]
- Experience in preparing a systematic review of literature and review articles [desirable]
- Ability to analyze, project, design, program, diagnose, troubleshoot, implement PLC, DCS, SCADA, HMI, vision systems, lasers, robotic application for automated process equipment solutions across varied projects and varied industries [much desirable]
- Evidence of knowledge of instrumentation [necessary]
- Excellent technical knowledge with good operational and/or project engineering experience with Siemens, Wonderware, Allen Bradley, Rockwell [desirable]
- Experience or knowledge with Electrical Systems & Computer Networks [desirable]
- Experience with controls networks and communications systems (Modbus, Ethernet, Profibus etc) [desirable]
- Knowledge on Database Development [necessary]
- Previous experiences would be preferred, especially if significant and demonstrable.

Skills and competences

- High designing capacity and mentality, both in group and alone, mental aim to solve problems rather than looking at the watch;
- High skills of analysis and quick conversion from analysis to online "exe" program ;
- Comfortable using all kinds Microsoft suite applications and specific tools like team-viewer or similar;
- Ability to work in a team;
- Ability to work independently;
- Presentation, communication and interpersonal skills;
- Accuracy in meeting deadlines;
- High professional motivation.

DIRECTOR
Carlo RUPNIK

