# POSITIONS AVAILABLE: JUNIOR INDUSTRIAL SYSTEMS ARCHITECT

## 1. INTRODUCTION:

AI2SA is a young dynamic company based in Garsfontein, Pretoria specializing in Optimally Scoping & Managing Industrial System Projects for our strategic clients. Due to our rapid growth we are looking for dynamic individuals to grow with us.

## 2. RESPONSIBILITIES / DELIVERABLES:

The Junior Industrial Systems Architect will be mentored by one of the senior partners who will expect you to be responsible for:

- Research "best practices" and technology trends for industrial systems such as PLC / SCADA / MIS / MES and APC:
    - By meeting with respective market leaders and documenting and presenting findings
- Perform Systems analysis by assessing the status of the current situation and document findings (AS-IS Analysis):
    - Into IO / cable schedules, functional specifications, general arrangement layouts, etc
- Assist with the formulation of strategies, standards and scope specifications (TO-BE Requirements):
    - Drafting design / scope specifications and standards documents
- Assist with managing tender process and adjudication to draft budgets for our strategic clients
- Assist with project management functions of the execution of approved initiatives:
    - Manage Progress, Quality, Budget, Risk and Information Flow
- Assist with maintaining a repository of intellectual property i.e. templates, processes, etc.

## 3. REQUIREMENTS:

You need to be in possession of the following:

- Own transport (to and from work and local sites)
- Cell phone

We expect you to:

- Be prepared to travel for short periods of time (Mainly ad-hoc typically for a maximum of two to three days away from home once every two months)

## 4. QUALIFICATIONS:

The ideal candidate should be in possession of or be studying towards:

- University degree / diploma in on of the following:
    - Process / Factory Automation
    - Electrical or electronic engineering
    - Control / Digital Systems
    - Industrial Engineering
    - Information Technology
    - Operational Research

## 5. EXPERIENCE:

The applicant is to be PC literate and competent with the use of MS Office Suite:

It will be advantageous to have experience in the following:

- Experience with the better known Industrial Systems
- Experience within the Manufacturing or Mining industry
- Experience in Relational and Real-Time databases and or networking
- Exposure to the complete software delivery life-cycle
- Have project management experience

## 6.  SOFT SKILLS:

The following soft skills will be advantageous:

• Good business writing skills (i.e. reports, etc)

• Good oral communication skills (i.e. workshop presentations)

• Good inter-personal skills (i.e. work as part of a team or alone and sometimes under pressure).

• Be energetic, self-motivated and hard working.

## 7.  PACKAGE

The salary package is negotiable and may include respective perks common to our industry.

## 8.  APPLICANTS

Please furnish us with the following:

• Curriculum vitae (CV) which includes the following information:

  o Tertiary and other qualifications.

  o Work experience, with most recent position listed first.

  o References we may contact.

For Attention:

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• **Closing date:**        **TBA**

For more information on our company please refer to www.ai2sa.co.za