

Please help the reader (s) of your résumé by telling us what your employers do / did to make money. Do not assume that the reader knows what your employers do / did.

One or Two sentences will suffice.

Job ID:	332RK
Job Title:	Product Development Engineer
Degree Requirements:	Bachelor of Engineering (Mechanical, Electrical, Chemical)
Years of Experience:	Minimum 5 years
Type of Position:	Direct Hire
Location:	Houston, TX or New Orleans, LA
Salary Range:	Depends on Experience and Expertise
Travel Required:	Some

Our client has engaged us to find a Product Development Engineer to be located in either their New Orleans, LA or Houston, TX office. Some relocation assistance is budgeted for the right candidate.

MUST HAVE REQUIREMENTS for this position are:

- * A 4 year degree in any engineering field (Mechanical, Electrical, Chemical)
- * 5+ years in design & application of PLC based industrial control systems (oil & gas, energy, industrial applications)
- * Knowledge & Expertise of rotating & reciprocating machinery controls (turbines, compressors, generators, reciprocating engines)
- * Prior experience working with clients & project engineering develop control system applications for rotating machinery
- * Knowledgeable of PLC and DCS system configurations
- * Understand startup, operation, and shutdown sequencing of turbines, gas engines, compressors, and generators
- * Understand the configuration & application of industrial data communications networks (Modbus, Ethernet, Profibus, ControlNet, Data Hiway)
- * Knowledgeable of rotating machinery controls subsystems (fuel control, compressor surge control, load sharing, and vibration monitoring)
- * Programs at least one of the following PLC platforms (Siemens, Allen Bradley, GE Fanuc, Modicon)
- * Knowledge of remote I/O applications
- * Knowledge of Safety Instrumented Systems (SIS)
- * Knowledge of basic instrumentation practices for rotating machinery applications
- * Knowledge of general purpose and hazardous area application designs
- * Knowledge of worldwide industry standards (IEC, NFPA, NEMA, CSA, UL)

PLUSSES in this position are:

* Prior R&D experience (PLC Industrial Control Systems)

Reporting to the Director of R & D, the **RESPONSIBILITIES** of this position include but are not limited to:

- * Perform day-to-day product development activities (definition to execution)
- * Work with team members supporting or leading parts of the product development program
- * Provide technical support to field engineering personnel during deployment
- * Participates in product application definition & design
- * Evaluate & select hardware platforms for application deployment
- * Participates in new product deployment on projects & support of legacy products
- * Develop control system software on variED Programmable Logic Controller (PLC) platforms using structured text, function block diagrams, & ladder logic (IEC 6-1131)
- * Support commissioning / startup activities on developed software applications
- * Validate & test control system components / hardware

If you meet these requirements and wish to be considered for this position, send your résumé that **includes what your employers do to make their money** to us in a Word document at [Resumes AT PinnaclePlacementGroup.com](mailto:Resumes@PinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email.

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

KEY WORDS: BS Mechanical Engineering, BS Electrical Engineering, BS Chemical Engineering, BSME, BSEE, BS ChmE, PLC, R&D, Research & Development, Oil, Gas, Industrial, Rotating Machinery Controls, Reciprocating Machinery Controls, Turbines, Compressors, Generators Reciprocating Engines, PLC, DCS, Modbus, Ethernet, Profibus, ControlNet, Data Hiway, Siemens, Allen Bradley, GE Fanuc, Modicon, IEC, NFPA, NEMA, CSA, UL