

**Job ID:** 338RK  
**Job Title:** Application Engineer  
**Degree Requirements:** BS Engineering ( Chemical, Mechanical, Electrical Preferred )  
**Years of Experience:** 5 working with Gas Turbines  
**Type of Position:** Direct Hire  
**Location:** Jacksonville, FL Area  
**Salary Range:** Depends on Experience & Expertise  
**Travel Required:** 15% including some overnight travel

**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.**

Our Jacksonville, FL based client is seeking an Application Engineer who will be accountable for supporting the proposal, design, and execution phases. The assignments can cover the following markets: Combined Heat & Power, Mission Critical, Data Centers, Oil & Gas, Power Generation with various fuels & types of clients(. Some relocation assistance is budgeted for this position.

**\*\*\* You must be AUTHORIZED to work in the United States without sponsorship. \*\*\***

The **MUST HAVE REQUIREMENTS** for this position are:

- \* BS in Engineering
- \* 5 years working with Gas Turbines ( OEM )
- \* High level of proficiency with GT Pro or GT Master software
- \* High level of proficiency with Microsoft Word & PowerPoint
- \* Advance skills with Excel ( Macros & VBA )
- \* System planning expertise
- \* Be familiar with: P&IDs, Single Line Diagrams, Equipment Arrangement
- \* High degree of Problem Solving / Analysis skills
- \* Financial Analysis Capabilities
- \* Excellent presentations skills
- \* Excellent written and verbal communication skills, internally and externally

**This position has no supervisory responsibilities.**

**PLUSSES** in this position are:

- \* MS Degree in an Engineering Discipline from an accredited University
- \* Prior experience& familiarity with combustion turbine operation in power generation and/or oil and gas operation
- \* Familiarity / experience with US Energy Markets
- \* Familiarity / experience with Date Center operational requirements
- \* Knowledge of AFT Fathom flow analysis software

- \* Familiarity with conducting business worldwide with various technologies ( gas turbine, steam turbines, heat recovery steam generator, chillers, cooling tower, radiators, pumps, generators, transformers and motor control centers ) & fuels ( natural gas, diesel fuels, fuel oils, & renewable fuels ) for industrial, utility, municipal & commercial clients
- \* Familiar with mass and energy balances, thermodynamics, heat transfer, fluid dynamics, material science, process safety, waste & waste water treatment, process design, & electrical engineering

The **RESPONSIBILITIES** of this position include, but are not limited to:

- \* Support proposal, design, and execution phases ( Power Generation, Oil and Gas, Data Centers, Mission Critical, District Cooling, and Combined Heat and Power )
- \* Allowing for weather profiles, performance predicting / estimating, sensitivity analysis, technical writing, specification reviews, & equipment / process calculations
- \* Work independently during engineering & design process
- \* Analyze & calculate the optimum design point based on location
- \* Design & specify the process around the optimum design point
- \* Analyze, calculate & present the financial advantages & disadvantages to leadership
- \* Present & review various technical solutions with clients
- \* Contribute to the business development process working with engineering & operations to prepare studies on internal products & services
- \* Participate in all facets of projects ( bid support, presentation support, augmentation philosophy development & competitor evaluations )
- \* Technical support to sales and marketing teams for bids & proposals ( performance analysis, schematics, equipment selection & specification review )
- \* Create ROR / ROI models to support internal bid strategies, present to external clients & to prepare external publication materials for marketing purposes

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.***