

## Centrifugal Pump and Compressor Engineer Senior

[Apply Now](#)

Company: Kratos

Location: Jupiter

Category: architecture-and-engineering

### Job Description

Florida Turbine Technologies (FTT), a Kratos Turbine Technologies company located in Jupiter Florida is a world-class turbomachinery company, specializing in next-generation technologies for aircraft engines, rocket turbopumps and industrial power equipment and focused on the development and production of small, affordable, high-performance jet engines for cruise missiles and unmanned aerial systems (UAS).

FTT with over 4000-man years of turbomachinery expertise and a deep bench of experience in each discipline, FTT has been growing steadily for 24 years. We provide a one-stop shop with capabilities in design, aerodynamics, performance, heat transfer and secondary flow, rotor dynamics and bearing design, structural analysis and life predictions, manufacturing, testing, and field support. Our Turbine Technology division also provides engineering services, testing services, and material solutions for military and commercial engines, space propulsion, and industrial power-producing applications.

Kratos Defense and Security leverages cross-industry capabilities to deliver innovative, cost-saving solutions for its customers.

FTT's home office is in Jupiter, Florida, where we employ over 180+ engineers and technicians. Additional offices in Derby, UK and Wildau, Germany extend FTT's reputation for engineering excellence to the European marketplace and provide access to a European supply chain and next generation manufacturing capabilities.

Are you looking for an exciting career with an industry leading turbomachinery / jet engine aerospace engineering company with cutting edge products, unique niche markets and a

highly skilled expert workforce? Then you have come to the right place! FTT is a growing world class turbomachinery company in beautiful Jupiter, Florida USA which employs 180+ engineers and technicians with over 4,000 combined years of aero engine (military and commercial), industrial, and space turbomachinery experience.

This role is restricted to ; citizenship with ability to obtain/maintain security clearance. FTT will require proof of status prior to employment.

**GENERAL JOB SUMMARY:**

The Centrifugal Pump and Compressor Engineer Senior will be involved in various analysis tasks of turbomachinery, rocket engine components, and product/process improvements. Responsibilities will include all aspects of the design process including conceptual design, geometry creation through CAD programs, CFD analysis to solve technical problems and provide test support. This position provides opportunities for diverse technical challenging's to work on a unique set of programs in a team environment.

Preferred On-Site in our Jupiter Location, however with the appropriate experience we may consider a Remote Worker.

**ESSENTIAL JOB FUNCTIONS:**

8+ years applied industry aerodynamic design experience in centrifugal pumps and compressors with a good understanding of practical design limitations, and analysis experience

Experience in all phases of development: conceptual design, analysis, test and validation is required

Experience in hydrodynamic design and cavitation testing of inducers, pumps and volutes for turbopump rocket applications is required

Experience in aerodynamic design and testing (stall and performance mapping) of high Mach Number, high flow coefficient centrifugal compressor applications is required

Available to be onsite for testing and provide support for operational issues as needed

Experience in manufacturing methods, field service and support is strongly desired

Proficiency in computational fluid dynamics and associated geometry and meshing tools (ANSYS CFX, Fluent, ICEM, Turbogrid, Autogrid) required

Experience in use of geometry generator and throughflow analysis for Axial and Centrifugal bladed geometry (AxCent, BladeGen, Vista) is required

Experience in use of CAD software (NX, Pro-E) is required

Excellent interpersonal skills: experience integrating work in a team, interfacing with customer

[Apply Now](#)

#### Cross References and Citations:

1. Centrifugal Pump and Compressor Engineer Senior Cloudjobsnearme Jobs Jupiter Cloudjobsnearme ↗
2. Centrifugal Pump and Compressor Engineer Senior Servicemanagementjobs Jobs Jupiter Servicemanagementjobs ↗
3. Centrifugal Pump and Compressor Engineer Senior Fashionjobsnearme Jobs Jupiter Fashionjobsnearme ↗
4. Centrifugal Pump and Compressor Engineer Senior HongkongjobsJobs Jupiter Hongkongjobs ↗
5. Centrifugal Pump and Compressor Engineer Senior TechgiantcareersJobs Jupiter Techgiantcareers ↗
6. Centrifugal Pump and Compressor Engineer Senior EntertainmentjobsnearmeJobs Jupiter Entertainmentjobsnearme ↗
7. Centrifugal Pump and Compressor Engineer Senior Jobsinaustria Jobs Jupiter Jobsinaustria ↗
8. Centrifugal Pump and Compressor Engineer Senior Statisticsjobs Jobs Jupiter Statisticsjobs ↗
9. Centrifugal Pump and Compressor Engineer Senior Searchukjobs Jobs Jupiter Searchukjobs ↗
10. Centrifugal Pump and Compressor Engineer Senior RiskmanagementjobsJobs Jupiter Riskmanagementjobs ↗

11. Centrifugal Pump and Compressor Engineer Senior PublicrelationsjobsJobs Jupiter Publicrelationsjobs ↗
12. Centrifugal Pump and Compressor Engineer Senior Thecareerjobs Jobs Jupiter Thecareerjobs ↗
13. Centrifugal Pump and Compressor Engineer Senior Philippinesjobs Jobs Jupiter Philippinesjobs ↗
14. Centrifugal Pump and Compressor Engineer Senior PhysicianjobsnearmeJobs Jupiter Physicianjobsnearme ↗
15. Centrifugal Pump and Compressor Engineer Senior HairjobsJobs Jupiter Hairjobs ↗
16. Centrifugal Pump and Compressor Engineer Senior Theworkopportunity Jobs Jupiter Theworkopportunity ↗
17. Centrifugal Pump and Compressor Engineer Senior TollywoodjobsJobs Jupiter Tollywoodjobs ↗
18. Centrifugal Pump and Compressor Engineer Senior Emailjobs Jobs Jupiter Emailjobs ↗
19. Centrifugal pump and compressor engineer senior Jobs Jupiter ↗
20. AMP Version of Centrifugal pump and compressor engineer senior ↗
21. Centrifugal pump and compressor engineer senior Jupiter Jobs ↗
22. Centrifugal pump and compressor engineer senior Jobs Jupiter ↗
23. Centrifugal pump and compressor engineer senior Job Search ↗
24. Centrifugal pump and compressor engineer senior Search ↗
25. Centrifugal pump and compressor engineer senior Find Jobs ↗

Source: <https://us.expertini.com/jobs/job/centrifugal-pump-and-compressor-engineer-senior-jupiter-kratos-01e6725f16/>

Generated on: 2024-05-01 by Expertini.Com