

AVX Aircraft Company

Job Description



Job title: Software Engineer, Team Lead

Work Location: 6310 Southwest Blvd, Benbrook, TX 76109

Division/Department: Sustainment Technologies

Reports to: Aaron-Paul Camele

Attendance Requirements: 9/80 work schedule, in-office position, work from home flexibility may be considered.

Full-time
 Part-time

Exempt
 Nonexempt

Work for one of the most dynamic and fastest growing Aerospace companies in Texas. With a great leadership team, incredible employee appreciation and undeniable chances to grow – look what we have to offer you!

COMPANY PROFILE:

- Based in Fort Worth Texas area, AVX Aircraft Company is Advanced Vertical Lift X-Plane (AVX) was founded with a vision of bringing advanced vertical lift solutions to the civil market.
- AVX has established a strong reputation as a technology innovator in vertical takeoff and landing (VTOL) aircraft design.
- Company strategy incorporates three elements of the business: Science and Technology (S&T), Unmanned Aircraft Systems (UAS), and Sustainment Products and Services.
- AVX is made up of highly experienced engineers and aerospace professionals that have come together as a team to create innovative designs, that use modern technology, that delivers visionary performance in the vertical lift environment.

FEATURES AND BENEFITS:

- 9/80 work schedule, in-office position, some flexibility may be considered.
- Health Insurance Options
- Competitive 401K with employer matching.
- In-office position with work from home flexibility.

ROLE YOU WILL PLAY:

Seeking an experienced Senior Software Developer with a strong background in software system architecture, development, and agile project management. The candidate should be adept at bridging the gaps between onboard aircraft systems and off-board information systems.

Responsibilities:

- Architect and develop software systems for aircraft health and maintenance data analysis and integration.
- Lead agile project teams, fulfilling roles as both software developer and product owner.
- Develop front-end dashboards, RESTful API services, and ETL scripts.
- Implement tools for aerospace engineers to interact with models and metadata.
- Support technology solutions for aircraft sustainment and training.

BACKGROUND PROFILE

Must haves:

- Prior experience in aerospace or defense industries.
- Strong proficiency in programming languages such as Python, Java, React, or similar languages.
- Familiarity with database technologies, particularly MongoDB or similar NoSQL databases.
- Solid understanding of software development principles, design patterns, and best practices.

- Experience with version control systems, continuous integration, and agile development methodologies
- Bachelor's or Master's degree in Computer Science, Software Engineering, or a related field.
- US Citizenship

Nice to haves:

- Experience in the development of enterprise-grade software applications.
- Experience with technologies such as MongoDB, Java, Spring Boot and ReactJS.
- Familiarity with data analysis and simulation technologies.
- Knowledge of cloud platforms and services, such as AWS or Azure.