

Software Development Engineer (Job code – FT SW-Design Engr II) (Job code – Intern SW-Design Engr)

If flying machines have excited you from your childhood, come work with us at Aerxlabs on the future! Aerxlabs offers you a fast-paced iterative environment where you drive innovations to solve real world challenges.

We're looking for outstanding Engineers who combine superb technical, research and analytical capabilities with a demonstrated ability to get the right things done quickly and effectively.

Role

- Design, development, integration, testing, documentation and reviews of Application SW, 2D/3D graphics application, and control modules on Windows & IOS/Android
- Software requirements and architecture development, Software design & implementation, Functional & integration testing
- Understanding of project/module requirements and design of the module as per requirements
- Graphics Application Software Development based on Windows API, OpenGL on target hardware platforms in the field of Flight Simulators, Avionics, UAV
- Perform module level testing, debugging
- Documentation of developed modules / testing
- Interact with internal / external teams on need basis

Qualification & Skills

- 2-4 Years of professional experience in VC++, MFC and Windows GUI programming or 2-4 Years of professional experience in graphics, OpenGL programming
- BE/BTech/ME/MTech
- Strong Programming skills in VC++/MFC, OpenGL (or similar platform independent graphics platforms), Andriod/IOS is a must
- Strong C++ background with strong 3D math abilities and understanding of coordinate system, projections, blending etc is desired
- Knowledge of Aerospace domain and quality standards, understanding of Cockpit Displays (PFD, MFD) is desired
- Cross platform development, ability to port across mobile platforms (andriod/ios) is an added advantage
- Should be familiar with requirements development, system/software architecture, Software design, software implementation, test, verification & validation such as those used in primary flight displays, flight control computers, etc.
- Hand-son experience in using development tools (like IDEs, Debuggers, analysers) and troubleshooting of real time issues.
- Must have a history of demonstrated leadership capabilities and work independently.
- Excellent analytical, communication, problem solving, presentation and interpersonal skills are required

Location – Bangalore

Timeframe – Immediate

About Aerxlabs

AerX Labs is a Bangalore based startup that makes and sells professional grade Flight Simulators and is involved in design and development of Next Gen Flight Simulation and Aviation technologies. AerX Labs is aggressively pursuing technology and solutions that are at the fore front of technology and innovation is our main driving force. AerX Labs is in the process of filing multiple design patents around Safety, Efficiency and Security of Aviation Technologies.

Interested candidates are requested to mail their resumes to careers@aerxlabs.com with appropriate Job code – **FT SW-Design Engr II or Intern SW-Design Engr** in subject line.