

## Job Description

# Systems Engineer

3-5 Yrs

General Aeronautics specializes in Drone / Unmanned Aerial Vehicle development & deployment for agriculture, medical and defence use cases. General Aeronautics was established to address aircraft design in all its aspects from a comprehensive system-level perspective. The General Aeronautics team is comprised of highly experienced members with many decades of expertise in industry and R&D organizations internationally.

General Aeronautics is looking for an Systems Engineer responsible for the server side development and maintenance of applications aimed at a vast number of diverse applications. Your primary focus will be the development of Server side services and their integration with front-end services. You will be working along-side other engineers and developers working on different layers of the infrastructure. Commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

## Responsibilities

- Develop back end services & info model for web & mobile application components
- Ensure REST API development is conducted in a secure and scalable manner
- Ensure cross-platform responsive optimization across iOS, Android, Web
- Design (using postman) and developing REST APIs with input data validation & data encryption
- Implement security and data protection features across the environment from login to logout
- Implement testing pipelines from GIT to deployment and deploy using GITFLOW narrative
- Deploy Docker Hub to stage, test and prod env environment across clouds (AWS,GCP or Azure)
- Stay abreast of latest developments in web based technologies, server side technologies etc.
- Participate in the competitions and activities for personal growth and showcase self prowess
- Participate in product development, from ideation to deployment
- Write source code using programming practices like DRY, open / closed, dependency inversion, delegation, OOPs, SOLID principles

## Skills

- Experience in Python, Node.JS or other server side languages  
MANDATORY SKILLS : Must have deployed REST APIs using container technologies to cloud environments (AWS,GCP or Azure)
- Strong knowledge of design principles, patterns, and best practices of developing clean code
- Good understanding of database systems (SQL & NoSQL )and their classifications
- Should have good understanding of Linux based operations
- Working knowledge of version control using GIT , GitFlow, Test Automation, SonarCloud
- Working knowledge of code versioning, CI/CD and pipeline testing tools
- Good understanding of Micro-Services, API based architectures
- Good presentation skills to showcase progress and deliverable
- Excellent verbal and written communication skills.
- Experience in delivering in an agile fashion based on SPRINTs

## Education

- B Tech / M Tech in Computer Science, Engineer or a related subject
- BS / MS degree in Computer Science, Engineering or a related subject
- Proven software development experience and server side skills development
- Solid understanding of the full mobile & web development life cycle

Contact : [jobs@generalaeronautics.com](mailto:jobs@generalaeronautics.com)