

## Job Description

# Python Developer

1-2 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 Python Developer responsible for the 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 Server-Side components to improve responsiveness and overall performance.
- Write effective, secure, scalable code which conforms to OOPs, SOLID, DRY Principles.
- Understand requirements, assess and prioritize feature requests.
- Has a good understanding of Unit Testing frameworks, logging and debugging programs.
- Coordinate with internal teams to understand user requirements and provide technical solutions.
- Ability to work well with others on a team as well as independently.
- Willing to learn new technologies and work on research orientated projects.
- Independent thinking, Desire / Ability to work in a fast-paced environment with creativity and brainstorming.
- Proven interpersonal skills while contributing to team effort by accomplishing related results
- Researches, evaluates, and develops new tools to improve product development efficiency. Integration of user-facing elements developed by front-end developers with server side logic.
- Design (using postman) and developing REST APIs
- Implement security and data protection features
- Implement testing pipelines from GIT to deployment
- Deploy app from Docker Hub to stage, test and prod env

## Skills

- Experience in working with frameworks like Django, Flask, etc
- Experience with any RDBMS and strong SQL knowledge
- Proficient in writing complex queries in MongoDB and other JSON / NoSQL formats.
- Comfortable with Unix/ Linux command line and shell scripting
- Object-oriented concepts & design patterns
- Working knowledge of code versioning, CI/CD and pipeline testing tools
- Understanding of the threading limitations of Python, and multi-process architecture
- Strong in python programming
- Proficient in code versioning tools such as Git and SVN
- Understanding of design principles for secure and scalable applications
- Experience in delivering in an agile fashion based on SPRINTs

## Education

- B Tech / M Tech in Computer Science, Engineering or a related subject.

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