

Software Developer

About the organisation and department

The mission of Animal Aid Unlimited is to rescue and treat the un-owned street animals of India who have become ill or injured, and through their rescue inspire a community to protect and defend the lives of all animals.

We operate one of India's most active rescue services, responding to more than 70 calls on our helpline every day and involving thousands of Udaipur residents in the process of rescuing street animals every year. Our hospital and sanctuary (located in Badi, 10km from Udaipur) house a total of more than 600 animals (dogs, cows, donkeys, cats and other animals).

The IT department at Animal Aid, whilst small, has big goals and animal welfare of all the un-owned street animals of India is at its core. The IT department develops applications and reports that are used across the organisation and the candidate will be heavily involved in this.

As part of the Animal Aid IT Department you will have the opportunity to be a driving force in animal welfare across the entire country. This is a role where we expect you will grow massively over the next 2 years and we will help you on that journey.

Designation – Software Developer

Reports to – Head of IT

Number of positions – 1

General purpose of the role

This role involves assisting with the development of in house web applications written using the MEAN stack, as well as rewriting existing applications. The software developer will be responsible for the maintenance of all existing software systems with the assistance of the head of IT. Animal Aid currently uses a number of different technologies including MEAN, MySQL, SQL Server, and the Google App Engine. We are looking for someone to assist with aligning all software systems to use the same technology stack and assist with developing future applications that may make use of technologies such as VR\AI, and Machine Learning.

The ideal candidate will help make suggestions for how IT solutions can improve the hospital and assist in the design and implementation of these new systems. Also, the candidate will be open to learning new technologies in order to assist across other areas of IT outside of software development, such as in GIS, Business Intelligence, Data Science, and technical support.

Key area of responsibility

1. Lead development of new and existing applications and reports primarily using Angular
2. Be able to suggest and implement best practice across all areas of development
3. Implement or improve upon existing data entry systems and recording processes.
4. Suggest improvements to systems all across Animal Aid and look for ways the IT department can help with existing and new problems.
5. Implement and maintain CI and CD in conjunction with GitHub and ensure quality code is committed little and often.
6. Lead the introduction of CI\CD and implement test coverage reports across all application
7. Write and maintain integration and unit tests of code that is written
8. Carry out routine checks and assist with investigation of errors or issues with reporting and/or bug and bug fixes in existing reports and applications.

Experience, education and skills

1. Degree qualification in IT\SE\CS\Information Science or equivalent demonstrable experience or knowledge
2. Knowledge of Object Oriented programming, data structures and algorithms
3. 2+ years experience developing with JavaScript
4. Good working knowledge of Angular\React, NodeJS and databases.
5. Working knowledge of Git and GitHub or equivalent source code repository
6. Experience with CI/CD
7. Any experience with animals (volunteers, neighbourhood animals, etc) is a plus

Personal attributes

1. Fluent in Hindi and English (fluency in Mewari is a plus).
2. Excellent organizational skills.
3. Excellent problem solver
4. Ability to communicate with staff from different socio-economic backgrounds and levels.
5. Independent self-learner, able to deal with different tasks and priorities.
6. Ability to accurately follow the instructions and report regularly.
7. Punctual about the work and consistent attendance.
8. Understanding of the mission of the organization.
9. Comfortable around animals (preferably).