Job Details: **Python Developer**

Description

**Alliance Inspection Management (AiM)** is the premier new and pre-owned vehicle inspection partnership in North America that combines breakthrough technology with deep industry experience to provide a trustworthy, independent bridge between buyers and sellers. We offer a comprehensive range of vehicle inspection services to verify the condition of new, off-lease and fleet vehicles and other properties at vehicle assembly plants, rail yards, ports, customers’ homes, dealers and auctions.

Due to its success and excellent service, AiM is continuously growing and its Information Technology Division now seeks an IT Python Developer that reports to the AiM Inspect Program Manager and will be part of the team that is responsible for enhancing and maintaining our customer portal sites.

AiM offers a collaborative, fast paced, and exciting work environment that encourages an entrepreneurial spirit and outside the box thinking. We have regular employee events such as potlucks, birthday celebrations, MSU/UofM tailgate luncheons, and ice cream socials. Not to mention, we offer 1 day work-from-home to our IT staff after they complete 90 days.

**Essential Job Functions:**

1. Ability to code in Python

2. Participate in the design and coding of technical solutions

3. Create application code using best practice coding standards

4. Participate in code reviews

5. Unit test all developed modules

6. Work with Business Analysts in the development and execution of test plans

7. Diagnose and resolve production support issues

8. Help research and troubleshoot programming issues as they are identified through QA

9. Provide data support to operations personnel and management as requested

10. Demonstrate experience and skills in Relational Database Management Systems (RDBMS) like PostgreSQL by writing complex SQL queries, functions and packages

11. Desire and ability to learn new skills

12. Excellent written and verbal communication skills

13. Regular and consistent attendance and availability

14. Other duties may be assigned

Supervisory Responsibilities:

None

**Minimum Qualifications/Requirements:**

**Job Knowledge and Skill**

Excellent time management skills with the ability to multi-task and prioritize day-to-day responsibilities; Detail oriented, highly focused and very organized; Ability to maintain a high level of energy and enthusiasm; Excellent teamwork skills with the ability to establish and maintain positive and effective working relationships

**Experience**

* BS or BA degree preferably in Computer Science/Technology, Engineering or equivalent relevant work experience
* 5+ years of work-related experience
* Experience should include working with Python
* Other languages such as Java a plus
* Hands-on experience with SOAP, WSDL and other web service technologies
* Hands-on experience with presentation technologies such as XML, HTML, Ajax, JavaScript, DHTML and XHTML
* Ability to create application technical designs
* Working experience with databases such as PostgreSQL
* Experience troubleshooting and resolving application defects
* Experience using CI/CD build systems such as Jenkins.
* Experience of working in a Scrum team and Agile concepts.
* Strong communication skills
* Must be a self-starter, process-focused with strong analytical and problem-solving skills, be willing to take initiative, and comfortable working in a fast-paced, demanding environment with many competing responsibilities
* Maintain safety, security, and privacy standards throughout all areas of responsibility.
* The following skills would be a bonus:
* Experience with Django
* Jenkins build server
* TDD/BDD experience
* Cloud - Amazon Web Services (AWS)
* Bitbucket
* Data Modeling experience
* Database Design Experience

**Education, Licenses, Certificates, Registrations:**

B.A. In Computer Science related field desired

**Computer Skills:**

Working knowledge of power point, word processor, spreadsheet, other PC applications, ability to adapt to new technology as it becomes available. Proficient in System Administration and Networking concepts.

Ability to excel in a team environment required. Must be able to successfully interface with I.T. and all AiM departments. Excellent verbal, written and interpersonal communication skills

**Analytical Skills:**

Strong analytical skills required with strong attention to detail and accuracy. Ability to source, disseminate and properly apply secondary research

**Travel:**

Infrequent/Light travel.