**Job Title: Full Stack Software Developer (Python/Django+ReactJS)**

**Job Description:**

We are seeking a talented and experienced Full Stack Software Developer to join our team as a Senior Backend Developer. The role primarily focuses on building and maintaining a Web Management Information System (MIS) using Python and Django. The ideal candidate should have a strong background in backend development, particularly with Django and Django-rest framework. Familiarity with GitHub and knowledge of React would be considered advantageous.

**Responsibilities:**

- Collaborate with the team to design and develop a scalable, secure, and efficient Web MIS using Python and Django.
- Write clean, maintainable, and efficient backend code adhering to software development best practices.
- Develop robust RESTful APIs using Django-restframework to facilitate seamless data communication and interaction.
- Implement and maintain data models, database schema, and ensure data integrity and security.
- Integrate external APIs and third-party services as needed to enhance the functionality of the MIS.
- Optimize database queries and performance to ensure high-speed data retrieval.
- Implement web sockets for real-time data communication and responsiveness.
- Optimize database for maximum speed, scalability, and accessibility standards.
- Handle feedback at a time on current and delivered projects.
- Make daily, weekly, Monthly reports, and present their work accordingly.
- Work under pressure. Refactor of code. Web application deployment in dynamic environment.
- Participating in software testing process such unit testing, automated functional testing and integration testing.
- Make recommendations to automate and simplify business processes and building new application for increasing productivity and efficiency.

- Review completed software development tasks to a certain compliance with international standards.
- Perform risk assessments and observe risk mitigation/ control strategies while developing software systems.
- Perform any other duties related to the role assigned by the management.
- Ensure smooth integration between the frontend and backend components by collaborating closely with the frontend development team.
- Conduct thorough code reviews to maintain code quality and provide constructive feedback to team members.
- Troubleshoot and debug application issues promptly to ensure smooth operation and user experience.
- Collaborate with the team to design and develop responsive web applications using React, Next.js, Tailwind CSS, and Bootstrap.
- Write clean, maintainable, and efficient code using modern frontend development principles and best practices.
- Stay updated with industry trends and emerging technologies, adopting the latest tools and techniques for continuous improvement.
- Document code thoroughly and provide clear technical documentation for future reference.
- Implement data storage solutions that align with scalability and performance requirements.
- Requirements gathering, design and analysis according to AFDA requirements.
- Manage the complete software development process from conception to deployment, ensuring timely and efficient project delivery.
- Develop a dynamic website for AFDA that aligns with organizational objectives and requirements.
- Write, revise and maintain software technical documentation operations documentation and user guides in accordance with standards.

**Requirements:**

- Bachelor's degree in Computer Science, Software Engineering, Master Degree is preferred.

- Proven 3+ years of hands-on experience as a backend developer, with a focus on Python and Django.
- Strong expertise in Django and Django-restframework or Flask, with a solid understanding of backend development principles.
- Experience in designing and building robust RESTful APIs and integrating external services.
- Proficient understanding of version control systems, particularly Git and GitHub.
- Good SQL skills with experience in PostgreSQL or other relational databases.
- Required good knowledge of front-end technologies such as React and Next.js.
- Knowledge of user authentication and authorization methodologies across multiple systems, servers, and environments.
- Familiarity with Agile development methodologies and project management practices.
- Strong problem-solving, analytical skills, excellent teamwork, and effective communication abilities.
- Flexibility in Work Hours: This position may require occasional extra hours during peak periods or project deliverables. While we strive to maintain a standard work schedule, flexibility in scheduling may be necessary to ensure project deadlines are met.
- Adaptability to Changing Priorities: The successful candidate should demonstrate the ability to adapt to changing priorities and work effectively under tight deadlines when required.
- Deliver a detailed list of customizations in the current system for enhancing the performance and business requirements of the day.
- In case of leaving job one month before related department must inform.
- Adhere to all rules and regulations of the organization, all rules of this job descriptions are implementable.
- Effective Communication with Non-technical Stakeholders: Emphasize the ability to communicate technical concepts effectively to non-technical stakeholders or decision-makers.
- Commitment to Team Goals: Collaborate with team members to achieve common goals and contribute positively to a dynamic work environment.