Python Developer (FastAPI) – Reinforcement Learning Gym Project

crazydesigns2020@gmail.com
Phone :
Web :

Job Summary

Vacancy :
Deadline : Jan 01, 1970
Published : Nov 05, 2025
Employment Status : Full Time
Experience : 5 - <10 Years
Salary :
Gender : Any
Career Level : Any
Qualification : B.Tech

Job Description

Experience :5+yrs
Role Overview
We are seeking a Python Developer with strong expertise in FastAPI to join an exciting Reinforcement Learning (RL) Gym project. You will design, build, and optimize scalable APIs, collaborate with researchers and engineers, and deliver high-quality backend services to support reinforcement learning experiments and simulations. Prior RL Gym experience is not mandatory but would be a plus.
What does day-to-day life look like?
* Design, build, and maintain FastAPI-based services for experimentation workflows and simulation environments.
* Collaborate with ML engineers to expose APIs for training, evaluation, and benchmarking.
* Write efficient, production-grade Python code with a strong emphasis on scalability and maintainability.
* Troubleshoot performance issues, optimize pipelines, and ensure smooth deployment of applications.
Requirements
* 5+ years of professional Python development experience including 3+ years of strong experience in FastAPI
* Strong knowledge of FastAPI (or equivalent frameworks like Flask, Django, but FastAPI required).
* Experience with REST APIs, async programming, and API lifecycle management.
* Solid understanding of software engineering best practices (testing, CI/CD, version control, design patterns).
* Familiarity with NumPy, Pandas, and PyTorch/TensorFlow is a plus.
* Good to have: Exposure to Reinforcement Learning environments (OpenAI Gym, Gymnasium, Stable Baselines, or custom environments).
* Bachelor's or Master's degree in Computer Science, Engineering, or related field.

Education & Experience

Must Have

Educational Requirements

B.Tech

Compensation & Other Benefits