



Vacancy

Company Profile:

Stackfusion Private Limited is a technology product development company specializing in IoT and Artificial Intelligence. Stackfusion has its product Parkzap which provides smart automated parking and vehicle security solutions to Smart Cities, Malls, Offices, SEZs, Industrial Zones, and Security Installations. Stackfusion also works on technology to redefine the highway tolls and transportation sector in India by automated flow through for vehicles and cashless payments.

Position: Fullstack Engineer

No. of Positions: 02

Location: Pune

Job Profile

Job Brief:

The Fullstack engineer will be responsible for designing and developing the complete back-end, server-side solution along with the frontend, front-end and server deployment. She/He will create RESTful APIs for integration with mobile apps and other third-party systems. The Fullstack engineer will be responsible for performance tuning, server monitoring automation, and the security of the entire backend. She/he will also be working with machine learning engineers to make provisions to enable programs running on big data sets.

Responsibilities:

1. You will be expected to use your Samurai skills to design, forge and improve your Katana Sword (a.k.a Django-PostgreSQL backend Server).
2. Using Docker containers and Kubernetes you will quickly orchestrate your war efforts on AWS to handle heavy loads of data.
3. You will further support Mobile-Ninjas(Android Developers) and Hardware-Ninjas(IoT Developers) to deliver lightning-fast blows(replies) to incoming requests from Browsers, Mobile Apps, and IoT-edge-AI hardware.
4. Along with this, you would have to write intelligent scripts to ingest Terabytes of data in seconds/minutes.
5. You will primarily be coding in Python(Backend) and ReactJS (Frontend).
6. You will be involved in the entire lifecycle of a project, including strategy, vision, design, coding, architecture, deployment, optimization, etc, and will be chiefly expected to deliver clean, testable, and well-designed code for the same.
7. Your training and day to day work will also involve server spinning and other dev-ops operations and dealing with Docker Containers in an AWS environment



Requirements:

Experience with

- Linux, Git, Python, Competitive programming for writing fast/optimized C, C++
- PostgreSQL, Websocket, and HTTP
- Django or any other similar web application frameworks(Node.js, Ruby on Rails, Spring)
- It is assumed you have basic experience of HTML, Javascript, React JS and similar web tools
- Network Programming
- Microservices Architecture
- Desired experience:
 - Django Channels
 - Django Rest Framework or similar tools.
 - Designing RESTful APIs and Django/Jinja Templates or similar.
 - Celery, RabbitMQ, Memcached
 - Knowledge about ASGI and WSGI
 - Docker and Kubernetes(Important)
 - Shell scripting
 - Having been part of a project which involves interaction with a mobile client
 - Experience with OpenCV is a plus
 - Exposure in languages like Go, C++, Erlang
 - Server Load balancing
 - Database replication
 - Experience with MQTT or web-socket programming
 - Django Channels
 - CI tools
- Other aspects:
 - 0-3 years of development experience
 - Having a StackOverflow profile with a good reputation and Github portfolio is a plus
 - People who have a knack to hack things and who are fast learners would be preferred
 - Experience with writing unit tests of your code
 - It doesn't matter if you're coming fresh out from the school or college or stuck in a dead Tech-Stack (PHP etc) or flunked your college. What is mandatory is to have a passion for working in a fast-growing start-up, learning new things, and owning the product that you are working on.
 - Do share any interesting project that makes you stand out

Process:

1. HR Interview
2. Technical Interview
3. Assignment Round
4. Operations Round

