Senior Code Module (C++) Engineer for our Python Agent team

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Company: Dynatrace

Location: Tel Aviv-Yafo

Category: other-general

Job Description

Our Python Agent is a core part of the Dynatrace Platform for automatic instrumentation of Python applications. **Our Agents enable customer applications to run faster, reliably and securely**. Our OneAgent software is actively deployed across millions of customer environments today, monitoring critical customer applications in various programming languages and platforms.

This role plays a key part in extending our Python Agent offering by implementing new features, changes and improvements to our **Python Agent - written in C++ and Python**

If you are passionate about development, **high performance** and **understanding how things work at a low level**, this is your chance for an exciting challenge in a fantastic team.

Your role

Development of performance and availability monitoring solutions for **Python** applications

Working **primarily with Python** and **C++** (for native extensions).

Analyzing and understanding the inner workings of common Python application frameworks (Django, Flask, etc.) through debugging, interrogation, etc.

Gazing beyond common frameworks with a **deep understanding of Python**

Independent **design and implementation of new features** and feature ownership

Intensive cooperation with local and international development teams

Qualifications

Several years of experience as a Software Engineer with **Python** (priority) and **C++**

Sound knowledge of Python including core packages, asyncio, third-party libraries (Flask, Django, Requests, SQL alchemy, etc.), surrounding infrastructure (Python web server integration, Google App Engine, etc) and development tooling (hatch, ruff, etc.)

Understanding how the **Python interpreter** works

Enjoying **systems programming** and understanding system level concepts (POSIX, multiprocess and multithread applications, etc.)

Knowledge of **OpenTelemetry** is a plus

Ability to **focus on details** but keep the mind open for the whole ecosystem

Team player and eager to learn innovative technologies

Additional Information

A **one-product software company** creating real value for the largest enterprises and millions of end customers globally, striving for **a world where software works perfectly**

Working with the **latest technologies** and at the forefront of innovation in tech on scale; but also, in other areas like marketing, design, or research.

Working models that offer you the flexibility you need, **ranging from full remote options to hybrid ones** combining home and in-office work.

A team that thinks outside the box, welcomes unconventional ideas, and **pushes boundaries**

An environment that fosters innovation, enables creative collaboration, and **allows you to grow**

A globally unique and **tailor-made career development program** recognizing your potential, promoting your strengths, and supporting you in achieving your career goals.

A **truly international mindset** with Dynatracers from different countries & cultures all over the world, and **English as the corporate language** that connects us all

A culture shaped by the diverse personalities, expertise, and backgrounds of our global team.

Compensation and rewards

We offer attractive compensation packages and stock purchase options with **numerous benefits and advantages**

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