

**Job Title: Python Developer**

Location: Bengaluru, Karnataka, India

Company: Quantumzyme

About Us: Quantumzyme is a leading company in the field of biocatalysis, leveraging cutting-edge technology to provide sustainable and efficient solutions for the chemical, pharmaceutical, and other manufacturing industries. Our mission is to revolutionize the way chemicals are produced, making processes greener and more cost-effective.

Job Description:

Position Overview: We are seeking a highly skilled and motivated **Python Developer** with a Bachelor's or Master's degree in Computer Science, Mathematics, or Statistics to join our team in Bengaluru. The ideal candidate will have over 5 years of programming experience, including at least 2 years of hands-on experience with Python. This role requires working offline and involves designing, building, and maintaining efficient, reusable, and reliable Python code.

Key Responsibilities:

- Design, build, and maintain efficient, reusable, and reliable Python code.
- Design and implement software platforms.
- Identify bottlenecks and bugs, and devise solutions to these problems.
- Help maintain code quality, organization, and automation.
- Participate in early product demonstrations to customers.
- Integrate user-facing elements developed by front-end developers with server-side logic.
- Implement security and data protection measures.
- Integrate data storage solutions.
- Perform performance tuning, improvement, balancing, usability, and automation.
- Work collaboratively with the design team to understand end-user requirements and provide technical solutions for new software features.

Skills

- Work experience as a Python Developer.
- Expertise in at least one popular Python framework (like Django, Flask, or Pyramid).
- Knowledge of object-relational mapping (ORM).
- Experience with Python and common libraries/frameworks such as Flask and Celery.
- Good understanding of Python syntax and its nuances.
- Solid understanding of object-oriented programming.
- Good understanding of server-side templating languages.

- Good understanding of server-side CSS preprocessors (such as Sass, based on project requirements).
- Familiarity with JavaScript libraries, especially React JS or AngularJS.
- Familiarity with concepts of MVC, Mocking, ORM, and RESTful.
- A knack for writing clean, readable Python code.
- Ability to integrate multiple data sources and databases into one system.
- Ability to understand monitoring metrics such as CPU, Memory, Disk Space, Network latency, and Telemetry Services.
- Understanding of fundamental design principles behind a scalable application.
- Ability to create database schemas that represent and support business processes.
- Able to implement automated testing platforms and unit tests.
- Proficient understanding of Git.
- Familiarity with continuous integration.
- Experience with Linux environment.
- Effective verbal and written communication skills.
- Familiarity with front-end technologies (like JavaScript and HTML5).

Qualifications:

- Bachelor's or Master's in Computer Science, Mathematics, or Statistics
- Overall 5+ years of experience in programming with a minimum of 2 years of hands-on experience in Python

Additional Skills:

- High level of analytical and problem-solving skills.
- Familiarity with scrum methodologies.

What We Offer:

- Competitive salary.
- Opportunity to work with a dynamic and innovative team.
- Professional development and growth opportunities.
- International travel and exposure to global markets and clients.
- A collaborative and inclusive work environment.

How to Apply: Interested candidates are invited to send their resume to rakshitha.shettar@quantumzyme.com