

Senior Backend Developer

Responsibilities:

- Design, implement, and maintain robust and scalable backend services using Python and the FastAPI development framework.
- Collaborate with cross-functional teams to define, design, and ship new features that meet business requirements.
- Utilize PostgreSQL and PostGIS for efficient data storage, retrieval, and manipulation.
- Demonstrate expertise in working with different types of databases, including both SQL and NoSQL.
- Work with Docker to containerize applications for efficient deployment and scaling.
- Utilize AWS services such as EC2, S3, SQS, and Lambda for hosting, storage, and asynchronous processing.
- Implement unit, integration, and testing strategies to ensure the reliability and stability of backend services.
- Collaborate with the QA team to identify and address potential issues.
- Use Git and GitHub for version control and collaborative development.
- Participate in code reviews, providing constructive feedback to team members.
- Implement and maintain CI/CD pipelines to automate the build, test, and deployment processes.
- Leverage expertise in the FastAPI backend development framework to build efficient and high-performance APIs.
- Utilize native network sockets or frameworks using WebSockets for realtime communication.

Qualifications:

- Bachelor's degree in Computer Science, Engineering, or a related field.
- Proven experience as a backend developer, with a focus on Python and FastAPI.
- Strong expertise in database management, including PostgreSQL and PostGIS.
- Experience with Docker and AWS services (EC2, S3, SQS, Lambda) is highly beneficial.
- Familiarity with different types of databases, both SQL and NoSQL.
- Experience with native network sockets or frameworks using WebSockets.
- Solid understanding of unit, integration, and testing methodologies.
- Proficient in Git and GitHub for version control and collaborative development.
- Experience with CI/CD pipelines for automated build and deployment.
- Excellent problem-solving and debugging skills.
- Strong communication and collaboration skills in a team environment.