SINAN AHAMMED

Backend Developer | Python Developer

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Summary

Experienced Python Developer with strong expertise in Python and its frameworks. Skilled in RESTful API development, database management, and building scalable web applications. Passionate about writing clean, efficient code and solving complex problems in collaborative, fast-paced environments. Committed to continuous learning and staying up to date with latest technologies.

Experience

Logic Plum
Kochi, India

Backend Developer
10/2023 - Present

- Designed and maintained RESTful APIs using Django REST Framework (DRF) for seamless front-end and back-end communication.
- Integrated AI and ML functionalities into the software architecture, collaborating closely with AI and ML teams to implement predictive analytics and data-driven features.
- Implemented secure authentication and authorization (OAuth2, JWT) to protect API endpoints.
- Worked closely with front-end developers, UI/UX designers, and QA engineers to ensure seamless integration and deliver high-quality software solutions.
- Designed and optimized databases with PostgreSQL and MySQL, improving performance through indexing and query optimization.
- Utilized Python libraries like Pandas and NumPy for efficient data processing and analysis.
- Automated web scraping using BeautifulSoup, Scrapy, and Selenium.
- Managed background tasks and scheduling using threading and cron jobs to improve application efficiency and automate repetitive processes.
- Debugged and optimized codebases, addressing performance issues and security vulnerabilities.
- Contributed to Agile development through sprint planning, daily stand-ups, and retrospectives to ensure timely delivery.
- Maintained version control with Git and created detailed documentation for APIs and database structures.

Beacon Infotech
UL Cyberpark, Calicut

Python Developer
11/2021 - 10/2023

- Created RESTful APIs using Django, FastAPI and Flask frameworks.
- Managed databases using MySQL, MongoDB, and PostgreSQL.
- Developed web applications using Django.
- Designed responsive user interfaces using HTML, CSS, and JavaScript for intuitive user experiences.
- Integrated third-party APIs and optimized Python scripts for enhanced performance and functionality.
- Deployed applications on AWS EC2 instances and traditional servers, using Docker for scalable and efficient containerization.
- Implemented unit tests to ensure code quality and reliability.
- Actively participated in agile development methodologies, contributing to sprint planning, daily stand-ups, and retrospective meetings.

Baabtra Technologies Pvt Ltd
Calicut, India

Python Full Stack Developer - Intern
05/2021 - 10/2021

- Gained hands-on industrial training experience in Python full stack development.
- Continuously discovered, evaluated, and implemented new technologies to maximize development efficiency.
- Developed software applications using HTML, CSS, and JavaScript.
- Utilized Git for source control to manage codebase changes.

Skills

Python · Django · FastAPI · Flask · Rest API · MySQL · PostgreSQL · HTML · CSS · JavaScript · AWS · EC2 · Pandas · Numpy · Linux · Ubuntu · NoSQL · Docker · MongoDB · CI/CD · Firebase · Git · Jira · API Development · API Documentation · API Design · Agile Development Methodologies

Education

University Of Calicut
Calicut, India

Bachelor's Degree in Computer Applications (BCA)
2017 - 2020