Munmun Tomar
Python Developer

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Summary

I 'm a Python Django Developer with 6+ years of experience in building scalable web applications. Skilled in Django, DRF, and RESTful APIs, with expertise in database management and cloud deployment. Experienced in frontend integration, version control, and performance optimization. I focus on writing secure and maintainable code while keeping up with new technologies. Proficient in Python, Django, Fast API and front-end technologies, with a strong understanding of RESTful APIs, database management, and version control systems. Experienced in optimizing performance, debugging, and delivering scalable, secure solutions.

Experience

PRECIOUS INFOSYSTEM PVT LTD || Senior Software Engineer || Remote   *Mar 2019 to Presnt*

- Developed and optimized web applications using Django, DRF and PostgreSQL.
- Built RESTful and Graph QL APIs for seamless integration.
- Designed and implemented RESTful APIs using Django REST Framework and Fast API.
- Integrated third-party APIs and payment gateways for seamless transactions.
- Collaborated with frontend developers to enhance UX and UI functionality.
- Deployed and managed applications on AWS with CI/CD pipelines.
- Managed version control using GitHub and Bitbucket ensuring smooth collaboration and code integrity.
- Implemented authentication and authorization systems using JWT/OAuth.

Education

Bachelor Degree

RGPV University

- Bachelor of Computer Science and Technology - Graduated in 2018

Skills

- Programming Languages: Python (Expert), JavaScript (Intermediate), HTML5 (Intermediate), CSS3 (Intermediate), SQL (Expert)
- Frameworks/Libraries: Django (Expert), Fast API (Intermediate), React (Basic), Bootstrap (Basic), jQuery (Basic)
- Databases & ORMs: PostgreSQL (Advanced), MySQL (Intermediate), MongoDB (Intermediate), SQLAlchemy (Intermediate), Django ORM (Advanced)
- Tools & Platforms: Git (Expert), Docker (Intermediate),
- Cloud Services: AWS (Basic), Heroku (Basic), Linux (Intermediate)
- Problem-solving
- Creativity
- Time Management and Eye for Detail

Project Details

- ## Cloud-based analytics and Reporting system

It is a centralized platform designed to ingest, process, store, and visualize data from multiple sources (e.g., transactional systems, APIs, 3rd party tools), hosted in a cloud environment AWS. Users interact with dashboards, reports, or embedded analytics to make data-driven decisions.

Skills: Django, Jasper Tool, PostgreSQL, MySql, ELK, Docker, Celery

Roles and Responsibilities:

- Developed a comprehensive Cloud-based Analytics and Reporting System that allows users to create dynamic reports using JasperTool.
- The entire system is containerized using Docker for seamless deployment and scalability.
- Used Celery and Redis for asynchronous tasks Explore and integrate emerging technologies such as consensus protocols to enhance project functionality.
- Contribute to all phases of the software development lifecycle, including requirement analysis, design, coding, testing, and deployment.
- Adapt to project needs and ensure timely delivery of high-quality software solutions.

- ## MailHub

Skills: Django, Python, MYSQL, Amazon SES, Amazon SNS, Amazon EC2, Docker, Git

- A centralized communication platform or service to manage email notifications, messaging queues, templates, or user communications, built using Python, Django, and possibly other services like Redis, Celery, or third-party email APIs

Responsibilities:

- Designed and developed RESTful APIs to send, track, and manage emails.
- Built and maintained Django models, serializers, and views for email templates, user preferences, and delivery logs.
- Implemented logic for email scheduling, retries, and status tracking.
- Designed normalized schemas using PostgreSQL or MySQL for storing email metadata, user configs, and send history.
- Wrote optimized Django ORM queries and raw SQL for performance-critical endpoints.

- ## AutoSync Wizard

Skills: Django, Python, MYSQL, LDAP, Swagger, Git

The AutoSync Wizard is a sophisticated project with three interconnected components: Cloud, On-Premise, and Client. The Cloud serves as the centralized hub, allowing users to select versions, while On-Premise fetches the selected version from the Cloud and provides it to the Client at scheduled intervals. WebSocket communication, powered by the Tornado framework, facilitates real-time connectivity between the Cloud and On-Premise components. Swagger enhances API visualization, and Docker efficiently manages containers for Celery and Django.

Responsibilities:

- Developed Django models, views, and APIs to manage sync configurations, schedules, and job logs.
- Created RESTful endpoints for triggering and monitoring sync jobs.
- Implemented reusable utilities for handling data mapping, transformation, and conflict resolution.
- Designed and implemented core logic for detecting data changes (delta sync, full sync).
- Built connectors for syncing data with REST APIs, FTP, local files, and databases.
- Ensured idempotency, error handling, and retries in sync operations.

I would be grateful for the opportunity to discuss my qualifications with you in more detail. Thanks!