BHARATH K K

Software Engineer (Python | Django Developer)

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CAREER SUMMARY

I am a highly skilled Software Engineer with 3 years of experience, specializing in Python development, Backend REST API Services, and Web Applications Development. Proficient in designing scalable systems, optimizing data pipelines, and implementing custom features. Hand-on experience with Django, Django REST Framework, cloud platforms, and MySQL database integration, ensuring efficient data processing and system performance. Passionate about delivering high quality, innovative and scalable solutions in fast-paced environments.

EDUCATION

Bachelor of Engineering
Electronics and Communication Engineering | June 2017 - Aug 2021
Sambhram Institute of Technology, Bangalore, India

TECHNICAL SKILLS:

- **Backend: Python, Django, Django Rest Framework, Numpy, Pandas**
- **Frontend: HTML, CSS, JavaScript, Bootstrap**
- **Database: MySQL**
- **Cloud Platforms: Microsoft Azure (Basics)**
- **Version Control: Git, Github**

EXPERIENCE:

Freelance Software Engineer | Jan 2024 – Present

- Designed and developed scalable, secure, and high-performing web applications using **Django** and **Django Rest Framework (DRF).**
- Built **RESTful APIs** to enable seamless integration between frontend applications and backend systems.
- Optimized database models and queries in **MySQL** to improve performance and scalability for high-traffic applications.
- Implemented **authentication** and **authorization** mechanisms using Django's built-in tools and third-party libraries.
- Deployed and maintained web applications on **Azure** cloud platform, ensuring reliability and uptime.
- Collaborated with cross-functional teams to gather requirements, test features, and deliver tailored solutions.

Software Engineer
Java R&D Ventures PVT LTD | Dec 2021 - Dec 2023

- Designed and implemented scalable **backend services** using **Python** and **OOPS** concept, ensuring robust architecture for enterprise-level applications.
- Developed and optimized **data pipelines** for **data migration** and processing using **Databricks** and **Python**, ensuring seamless integration with external systems.
- Enhanced system performance by optimizing **time and space complexity** for data analysis tasks with **NumPy and Pandas**
- Deployed applications on **Azure** for high availability and minimal downtime and created custom **Power BI** reports and dashboards that enabled data-driven decision-making.
- Designed **API endpoints** and integrated them with **MySQL** to enhance data flow and support business needs.
- Utilized **Git** for version control, maintaining a high standard of code integrity across the development team.

Blog Web-App
- Developed a personal Blog application using **Django**, allowing **user registration authentication**, post publication, and comment interaction.
- Integrated **RESTful API endpoints** for managing blog content and user interactions.

E-Commerce Web-App
- Designed and implemented an E-commerce platform leveraging **Django** framework, featuring product catalog management, user registration, authentication, cart functionality, and secure payment gateway integration.
- Utilized **MySQL** database for storing product information, order details, and customer profiles, ensuring data consistency and reliability.

Bike Taxi Web-App
- Designed and developed a Bike-Taxi app using **Django**, featuring user registration, driver registration, ride booking, and secure payment gateways.
- Utilized **MySQL** database for storing user, driver, and ride information.
- Integrated **Django Channels** to enable real-time notifications, enhancing user experience with instant updates on ride status, driver location, and booking confirmation.

Job Portal Web-App
- Developed a job portal web application using **Django**, **MySQL**, allowing recruiters to post job openings and job seekers to apply for jobs.
- Integrated advanced search functionality to filter job listings based on location, skills, and experience.
- Implemented user authentication and role-based access control for secure recruiter and job seeker interactions.