



Akash R. Panchal

Senior Consultant Technology

Overall 05+ years of experience looking to leverage my technical skills as a Web application development. Excellent track record of delivering quality apps with strong technical skills. Looking for a challenging career in the field of IT-Software especially Python Programmer where my strong knowledge and experience in Programming concepts and Methodologies can be utilized for me growth of organization and client.



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SKILLS

- Working knowledge in MySQL, PostgreSQL, SQLite3, MS SQL Server, Python 3, Django, Django Rest Framework, MVT, Django ORM, Rest API, C#, ASP.Net MVC Core (.Net6), MVC, OOPs Concepts, Flask Web Framework, Html, Css, Bootstrap, JavaScript, AWS ec2, GCP Platform, Unit Testing, API Testing using Postman and Swagger.

WORK HISTORY

Python Developer

Achievex Solutions Pvt Ltd.
Oct 2021- Still date
Kolkata, WB

Software Developer

Morgat Softwares Pvt Ltd.
July 2018 - Sep 2021
Pune, MH

CERTIFICATIONS

Udemy Certificate of Completion “The Django Bible | Python for Web Developer”.

Udemy Certificate of Completion “Build Rest Apis with Django Rest Framework and Python”

PROFILE SUMMARY

- Backend Technology :- Django, Django Rest Framework, Asp.Net MVC Core (.Net6), MVC design patterns, Django ORM, MVT design patterns, Rest API, Flask Web Framework.

Summary

- Overall 05+ years** of experience in Design, Development , Implementation and Api testing using Python & Django Technologies.
- Strong experience** in developing web applications implementing MVT architecture using Django framework and **01+ years of experience** in flask web framework.
- 05+ years** of working experience in Developing **REST APIs** and **06+ months** of experience in **FAST APIs**.
- I have **02+ years** of experience in deploying various applications using **AWS ec2/s3/IAM and CI/CD & GCP**.
- I have **02 years** of experience in Frontend Technology like **Html/CSS/Javascripts & 01 years in React js**.

- ❖ **One year of experience** in collaborating on **Microservices** implementation, significantly improving application scalability and performance.
 - ❖ **05+ years** of working experience in Database Design and Management using Sqlite3, MySQL, PostgreSQL.
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PROJECTS

Tanvee 2 (Backend - Python Developer) [Add new functionality]

June 2024 - Feb 2025

1. Implement detailed access control so vendors can manage their own products, orders, and delivery staff, while admins have global control.
2. Enhance delivery with geo-fencing, distance-based pricing, or delivery radius restriction.
3. Split Payments with Stripe Connect or Razorpay Route: amount directly split between vendor and platform.
4. Wallet System: User or vendor wallet for refunds, credits, loyalty points.
5. Add multi-vendor checkout, where users can order from different vendors in a single session.
6. Allow vendors to assign orders to delivery persons, with real-time tracking and OTP-based delivery confirmation.
7. Enable real-time order updates and tracking using: WebSockets , Status updates: Order Placed → Packed → Shipped → Delivered.
8. Provide insights for vendors on: Total sales , Monthly revenue, Popular products, Order heatmaps (Geo) and Add and update Another Functionalities.
9. Product Inventory and Auto-Stock Management : Auto-update stock after purchase, Set low-stock alerts.
10. Invoice Generation and PDF Download. Auto-generate invoice (PDF) using xhtml2pdf.
- i]. Attach invoice with each order confirmation. 2]. Admin and vendors can download any time.

HealthCare System (Role-Deputy Team Leader)

Aug-2022 to July-2023

As a backend developer in a healthcare project utilizing Python and the Django REST Framework and Microservices and also implementing microservices, I play a vital role in developing a secure, efficient, and scalable application. My expertise in API development, database management, and security practices will help create a reliable healthcare solution that meets user needs and complies with industry standards.

Tools and Technologies :

- **Frameworks** : Django, Django Rest Framework and Microservices.
- **Databases**: PostgreSQL for data storage and management.
- **Testing**: Pytest, Django's test framework, SwaggerFor API testing and documentation.
- **Version Control**: GitHub
- **Deployment**: AWS EC2 with Gunicorn and Nginx.

Tanvee (Role-Deputy Team Leader)

Nov-2021 to July-2022

As a Backend Developer on a Multi-Vendor project utilizing Python and the Django REST Framework, I am responsible for designing and implementing robust, scalable APIs that enable seamless interactions between vendors, users, location based delivery and the system. My role involves developing secure authentication and authorization mechanisms, optimizing database schemas for multi-vendor support, and integrating essential third-party services, such as payment gateways and shipping solutions.

Tools and Technologies :

- **Frameworks** : Django, Django Rest Framework
- **Databases**: MySQL
- **Authentication and Security** : JWT (JSON Web Tokens) For secure user authentication.
- **Caching and Performance** : Redis server for caching and real-time data processing.
- **Testing**: Pytest, Django's test framework, Postman For API testing and documentation.
- **Version Control**: GitHub
- **Deployment**: GCP with Gunicorn,Wsgi and Nginx.

A dynamic e-commerce application developed using Python and the Flask Framework and Developing Fast Api's, designed to provide a seamless online shopping experience for customers looking to purchase traditional Indian sarees. The platform connects various vendors with potential buyers, promoting diverse saree styles, fabrics, and designs while ensuring user-friendly navigation and secure transactions.

Tools and Technologies : Flask, GitHub and Other tools are Html, Css, JS, Swagger.

IMS-Inventory Management (Role-Software Developer)

July-2019 to June-2020

The Inventory Management System is a web-based application developed using Python and the Django REST Framework. This project aims to provide businesses with a robust solution for tracking, managing, and optimizing their inventory processes. The system is designed to cater to various industries, offering features that enhance efficiency and accuracy in inventory management.

Technical Stack

- **Backend:** Python, Django, Django REST Framework
- **Database:** PostgreSQL for robust data storage and management
- **Authentication:** JSON Web Tokens (JWT) for secure user authentication
- **Frontend:** React.js for a responsive user interface
- **Deployment:** Docker for containerization, hosted on AWS
- **Testing:** Pytest and Django's built-in testing framework for quality assurance

EMS Global Client (Role : Software Developer)

Oct-2018 to May-2019

The Event Management System is a web application built using Python and the Django REST Framework, designed to streamline the organization, management, and promotion of various events, including conferences, workshops, and social gatherings. This platform provides users with tools to create, manage, and attend events, enhancing the overall experience for organizers and participants.

Technical Stack

- **Backend:** Python, Django, Django REST Framework
- **Database:** PostgreSQL for structured data storage and management
- **Authentication:** JSON Web Tokens (JWT) for secure session management
- **Testing:** Pytest and Django's testing tools to ensure reliability and performance

Roles and Responsibility:

- ❖ Design, Develop and maintain high-quality Django web applications, ensuring performance and responsiveness.
 - ❖ Implement and maintain data storage solutions using Django ORM and manage RESTful APIs.
 - ❖ Integrate with databases, third-party APIs, and libraries to complete end-to-end functionalities.
 - ❖ Collaborate on all phases of the development lifecycle, including problem diagnosis and bug fixing.
 - ❖ Collaborate with cross-functional teams to define, design, and ship new features and integrate user interfaces with server-side logic.
 - ❖ Developed and maintained responsive web pages using HTML5, CSS3, and JavaScript, improving user engagement.
 - ❖ Design and maintain relational database schemas and Monitor database performance and conduct regular maintenance.
 - ❖ Ensure application security through adherence to Django's security practices and data protection.
 - ❖ Participate in code reviews to ensure code quality and share knowledge.
 - ❖ Deploy and manage applications on AWS EC2 instances and GCP resources.
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EDUCATION

M.tech with Electronic And Telecommunications Engg.
Dr. Babasaheb Ambedkar Technological University, Lonere.
CGPA - 7.9

Aug 2015 - Aug 2017

BE with Electronic And Telecommunications Engg.
TPCT's COE, Dharashiv. (Dr. BAMU, Aurangabad)
Percentage - 72.40

Aug 2010 - Aug 2015

LANGUAGES

- ❖ **English** - Professional Working Proficiency
- ❖ **Hindi** - Full Professional Proficiency
- ❖ **Marathi** - Native or Bilingual Proficiency

Place : Pune, MH, India

Date :



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