

Abhishek AR

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github.com/abhishekpthoninmakes

Summary

Full Stack Python Django Developer with 2 years of professional experience. Skilled in developing web applications using Django and Flask frameworks. Proficient in implementing machine learning and deep learning solutions. Experience in AWS hosting and RESTful API development.

Experience

Software Developer, SMBS Infolab LLC – Kochi, Kerala Aug 2023 – Present

- Develop and maintain full-stack web applications using Python, Django, and Django REST Framework
- Implement machine learning and deep learning solutions for various client projects
- Deploy and manage applications on AWS cloud infrastructure
- Collaborate with cross-functional teams to deliver high-quality software solutions

Python Trainer cum Developer, Inet Infotech – Ernakulam, Kerala July 2022 – July 2023

- Conducted training sessions on Python, Django, Flask, Data Science, and Machine Learning
- Developed curriculum and training materials for Python programming courses
- Created real-world projects to demonstrate practical applications of Python frameworks
- Provided technical support and mentorship to students during their learning journey

Education

Marthoma College Of Science And Technology, MSc in Electronics – Kollam, Kerala 2020 – 2022

- University of Kerala

IHRD College Of Applied Science Kundara, Bachelor's in Electronics – Kollam, Kerala 2017 – 2020

Skills

Programming Languages: Python, C

Web Frameworks: Django, Flask, Django REST Framework

Data Science & AI: Data Science, Machine Learning, Deep Learning, Data Structures

Cloud Services: AWS Hosting

DevOps & Tools: Docker, Kubernetes, Celery, Django Channels

Others: Microsoft Office, REST API Development, Redis Caching, WhatsApp Business API, Stripe Payment Gateway

Projects

GrowMagics - Community Commerce Platform 2024

- Developed a comprehensive community-driven commerce platform with merchant management system
- Implemented multi-role architecture supporting community members, merchants, managers, and administrators
- Built advanced deal management system with contest functionality and social posting features
- Integrated real-time notifications and community engagement tools using Django Channels
- Tools Used: Python, Django, PostgreSQL, Redis, Django Channels, AWS

AeroTag - Smart QR Code Management System 2024

- Architected a complex QR code package management system with multi-tier user hierarchy

- Implemented WhatsApp Business API automation for anonymous communication between users
- Developed dynamic QR code customization with utility-specific features (Auto, Accolades, Ally, Anchor, Atlas, Adverts)
- Built automated webhook system for real-time communication and SOS functionality
- Created efficient package distribution system allowing partners to purchase and resell QR code packages
- Tools Used: Python, Django, WhatsApp Business API, PostgreSQL, Redis, Webhook Integration

eMalayalee - Online News Channel Platform

2025

- Developed a high-performance online news platform with advanced caching mechanisms using Redis
- Implemented external news API integration with real-time content synchronization
- Built comprehensive user engagement system with like/dislike, commenting, and social features
- Integrated Google Search functionality and advanced ad tracking system
- Optimized for dual user experience supporting both guest and authenticated users
- Tools Used: Python, Django, Redis, External APIs, Google Search API, PostgreSQL

BrandExpert - E-commerce CRM Platform

2025

- Built comprehensive e-commerce platform with integrated CRM management system
- Implemented automated cron job system for partner client management and mass email forwarding
- Integrated Stripe payment gateway with automated billing and subscription management
- Developed partner management system with client assignment and tracking capabilities
- Created automated email marketing system with scheduled campaign management
- Tools Used: Python, Django, Stripe API, Celery, PostgreSQL, Email APIs, Cron Jobs

BOSS - Business Operations Support System

2025

- Developed enterprise-level business operations management system
- Implemented comprehensive workflow automation and process management
- Built advanced reporting and analytics dashboard for business intelligence
- Integrated multi-department coordination and task management features
- Tools Used: Python, Django, PostgreSQL, Redis, Business Intelligence Tools

E-Commerce Platform

2023

- Developed a full-featured e-commerce platform using Django and Django REST Framework
- Implemented user authentication, product catalog, shopping cart, and payment integration
- Deployed the application on AWS EC2 using Nginx and Gunicorn with background multitasking implemented using Celery
- Tools Used: Python, Django, MySQL, AWS

InsightForge

2025

- Created an automated web-based dashboard for visualizing and analyzing datasets
- Designed for users with no prior ML knowledge to implement machine learning models
- Implemented features for data visualization, analysis, model training and prediction
- Developed tools for confusion matrix, heat map, loss visualization, feature processing, and data cleaning
- Tools Used: Python, Django, Pandas, Scikit-learn, TensorFlow

Trip Planner Platform

2025

- Created a fully functional trip planning website with comprehensive features
- Implemented destination management, hotel bookings, travel expense tracking
- Developed customizable trip templates and pre-created templates for quick planning
- Tools Used: Python, Django, PostgreSQL, JavaScript, AWS