

Dhanashree Patil

Bengaluru, India

SUMMARY

Innovative Software Developer with 2.5+ years of experience in creating secure and scalable applications. Engineered a cloud-based messaging platform on AWS, processing over 5 million messages daily, boosting user engagement and delivery success. Seeking a Software Developer or Python Developer role to enhance software solutions through expertise in Python, RESTful API development, and cloud integration, driving efficient and robust application performance Experienced in microservices development.

EXPERIENCE

Software Engineer

Ipsos MMA March 2025 - Present, Bangalore

Developed backend services using Python with Django and Flask for a unified data platform, enabling centralized data processing and analytics similar to Databricks or Snowflake.

Designed and implemented scalable features for data ingestion, ETL pipelines, and job orchestration using Django background tasks and Celery,

reducing manual configuration by 40% and automating end-to-end workflows.

Built RESTful APIs using Flask and Django REST Framework for managing data contracts, schema validation, and metadata handling, improving integration across internal systems and reducing API response times by 25%.

Enhanced resource efficiency by designing distributed task workflows in Django using Celery and Redis queues, reducing system load and improving scalability of the data platform.

Software Developer

Route Mobile Limited March 2023 - March 2025, Mumbai

Implemented secure authentication mechanisms using JWT tokens and OAuth for user access control, supporting secure access for 10,000+ users and reducing unauthorized access attempts by 40%.

Analyzed and optimized source code across multiple services, identifying functionality issues and writing clean, maintainable code that improved performance by 25% and reduced bug reports by 30%.

Integrated PostgreSQL and MySQL databases using SQLAlchemy for efficient data storage and retrieval, optimizing query performance by 15% and managing datasets with over 1 million records.

Automated deployment pipelines using CI/CD tools like Jenkins and GitLab, reducing deployment time by 30% and enabling consistent, error-free releases across 3+ environments.

SKILLS

****Languages:**** Python, HTML, SQL Frameworks & Libraries: FastAPI, API Gateway, RabbitMQ Databases: PostgreSQL, MySQL

EDUCATION

Bachelors in Computer Engineering

Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology • Khalapur • 2022 • 7.75 CGPA

PROJECTS

API Gateway with Flask + Microservices in Django

Architected an API Gateway using Flask to route and manage requests across Django-based microservices, enabling scalable service orchestration and reducing response latency by 30%.

Designed modular microservices in Django for user authentication, analytics, and data processing, following clean architecture principles and reducing codebase complexity by 40%, resulting in faster feature rollout and easier debugging.

Centralized access to backend services via a Flask API Gateway, enabling unified authentication, dynamic routing, and structured logging .

AI-Powered Resume Parser + Job Matcher (Flask AI + Django Admin Panel)

Developed an AI-powered resume parser and job matcher platform using Flask and Django, automating the extraction of structured data from resumes and increasing recruitment efficiency by 35%.

Integrated secure user authentication and Django-based job management dashboards, offering a seamless experience for both candidates and recruiters. The application matches candidate profiles to job descriptions using NLP techniques like spaCy and semantic similarity, significantly improving shortlisting accuracy.