

Pravin Bhalerao

Software Engineer

Nashik, Maharashtra, India

pbhalerao006@gmail.com | +91 9209218394

LinkedIn: <https://www.linkedin.com/in/pravin-bhalerao-6501441ab/>

GitHub: <https://github.com/Pravin1098>

PROFESSIONAL SUMMARY

Python Backend Developer with 4+ years of experience designing and developing scalable web applications and AI-powered solutions. Skilled in Python, Django, Django REST Framework (DRF), FastAPI, Flask, REST APIs, AI/LLM integration, Azure AI Services, Docker, PostgreSQL, and cloud technologies. Experienced in building scalable backend architectures, integrating third-party APIs, and optimizing application performance.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript

Frameworks: Django, Django REST Framework (DRF), FastAPI, Flask

API & Backend: REST APIs, Webhooks, OAuth, Authentication & Authorization, API Integration

AI & Machine Learning: OpenAI APIs, Large Language Models (LLMs), Azure OpenAI, Azure Speech-to-Text, Azure Text-to-Speech, OpenCV, YOLO

Databases: PostgreSQL, MySQL, MongoDB, SQLite, Redis

Cloud & DevOps: Docker, AWS, Azure, Git, Linux

PROFESSIONAL EXPERIENCE

Credence Resource Management Private Limited

Software Engineer

June 2026 – Present | Pune, Maharashtra

Marktime Technology Solutions Pvt. Ltd.

Software Engineer

August 2022 – April 2026 | Jaipur, Rajasthan

PROJECTS

AI Interview Platform

- Developed scalable APIs using Django, and DRF for AI-powered workflows.
- Built an AI interview engine that generates interview questions from resumes and job descriptions using LLMs.
- Integrated Azure Speech-to-Text and Text-to-Speech for real-time voice-based interviews.
- Implemented AI-powered answer evaluation, interview reports, and session management.
- Dockerized the application and optimized backend performance.

Visionary AI

Tech Stack: Python, Django, DRF, FastAPI, OpenAI APIs

- Developed scalable backend APIs integrating conversational AI and text-to-image generation models.
- Built reusable AI services supporting multiple AI providers.
- Improved scalability using asynchronous processing and background tasks.
- Optimized API performance, database queries, and caching for low-latency responses.

Social Media Automation Platform

- Developed REST APIs for social media account management and automated publishing.
- Integrated Facebook, Instagram, LinkedIn, Telegram, Pinterest, and Twitter/X APIs.
- Implemented post scheduling, OAuth authentication, analytics, and automated customer engagement.
- Optimized background processing for reliable large-scale publishing.

Face Detection & AI Surveillance System

- Developed FastAPI services for real-time RTSP camera stream processing.
- Integrated OpenCV and YOLO for face and object detection.
- Built REST APIs for camera management, event monitoring, and alert generation.
- Designed asynchronous processing pipelines and optimized AI inference for real-time analytics.

EDUCATION

Master of Computer Science (MCS)

Panchavati College of Management and Computer Science

Nashik, Maharashtra

2018 – 2020

Bachelor of Computer Science (BCS)

Panchavati College of Management and Computer Science

Nashik, Maharashtra

2015 – 2018