

Anup Ojha

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EDUCATION

Vivekanand Education Society's Institute of Technology

Master of Computer Applications (GPA: 9.74)

Aug 2023 – Jul 2025

Mumbai

Tirpude Institute of Management Education

Bachelor of Commerce in Computer Application (GPA: 9.27)

Aug 2019 – Jun 2022

Nagpur

EXPERIENCE

Backend Developer — Jackson and Frank

May 2026 – Present

Nagpur

- Working on the website revamp of the internal platform using **Node.js** and integrating **AI-based workflows**.
 - Automating different platforms into one centralized system.
 - Building tools to streamline iterative and repetitive tasks for teams.

Python / AI Developer — Perimattic

Nov 2025 – May 2026

Mumbai, India

- Architected and deployed **AI-driven backend systems** using **Python**, **FastAPI**, and **PostgreSQL**.
- Implemented **RAG pipelines** and **agentic AI workflows** using **OpenAI APIs**, embeddings, and vector databases.
- Built data extraction pipelines for the **Arhtattva Project** to process PDFs, images, and documents into structured **JSON** formats.
- Enabled seamless one-click **Tally entry** creation by transforming parsed data into usable formats.
- Integrated **Tally data fetching** using **XML** and **TDL**, enabling automated extraction of financial data.
- Developed systems to generate and merge multiple accounting reports such as **Balance Sheet**, **Trial Balance**, and **P&L**.
- Delivered client-ready reports under 10 seconds on a web platform without requiring **Tally** on the client side.
- Implemented **Text-to-Speech (TTS)** and **Speech-to-Text (STT)** pipelines for the **Aven AI Project** using **Whisper AI**.
- Deployed and optimized models for real-time transcription and speaker diarization in various applications.
- Built **AI-based systems** for interview platforms and **MCQ-based assessment engines** to enhance user experience.
- Developed end-to-end **audio processing workflows** including hosting, conversion, and inference pipelines for audio data.
- Led backend development of **CareerMaker.ai**, an **AI-powered resume intelligence platform** with multiple features.
 - JD-Resume matching, scoring, gap analysis, and keyword optimization.
 - Resume parsing, scraping, and AI-generated improvement suggestions.
 - Scalable APIs supporting real-time analysis workloads.
- Built **AI-enabled backend services** for **VirgoAsian Mobile App**, enhancing user engagement and experience.
 - Image transformation into panel-based enhanced visuals.
 - AI-driven layout and content enhancement suggestions.
- Developed an **AI analytics engine** for **Instagram** and **YouTube profiles**, focusing on content performance.
 - Engagement, growth, and content performance analysis.
 - AI-based recommendations for content strategy optimization.
- Successfully delivered and maintained 3+ production **AI systems** with high availability and reliability.

PROJECTS

Resume MCP — Automated Resume & Job Application System

Python, Next.js, PostgreSQL, LaTeX, Google Auth, Telegram Bot

- Built an end-to-end MCP-based automated resume generation platform requiring zero manual intervention.
- Enabled one-click resume creation using an internal LaTeX-based engine for high-quality resume rendering.
- Implemented JD-based resume tailoring, automatically modifying and regenerating resumes to match job descriptions.
- Developed a Telegram bot and web application for seamless user interaction and automation workflows.
- Integrated AI-powered email drafting and job application system:
 - Generated job application emails from screenshots or inputs.
 - Automatically attached tailored resumes and sent emails directly to recruiters.

- Achieved fully automated job application pipeline with no human intervention.
- Designed and deployed backend systems with PostgreSQL and Google Authentication.
- Handled full deployment, hosting, and scaling independently as a passion project.

Secure FastAPI CRUD Service

Python, FastAPI, SQLAlchemy, PostgreSQL, JWT

- Designed modular CRUD APIs with authentication and role-based authorization.
- Optimized ORM queries with indexing and caching (20% improvement).
- Delivered Swagger documentation and automated tests.

ChatterSphere — Real-Time Chat Platform

Next.js, TypeScript, Tailwind CSS, Supabase

- Built a real-time chat app supporting 200+ users.
- Implemented presence tracking and live message synchronization.
- Achieved 99.9% uptime through frontend and query optimization.

CORE COMPETENCIES

Scalable Systems • Financial Data Pipelines • Cross-Functional Leadership • Project Execution • Requirement Gathering • End-to-End Deployment

TECHNICAL SKILLS

Languages: Python, Java, C++, TypeScript, SQL

AI / ML: OpenAI APIs, RAG, Agentic AI, Prompt Engineering, Embeddings

Backend: FastAPI, Spring Boot, Node.js, Express.js

Frontend: Angular, Next.js, React, Tailwind CSS

Databases: PostgreSQL, MySQL, MongoDB, Vector DBs

Cloud & DevOps: Docker, AWS (EC2, S3), Supabase, Git, Postman

Tools: SQLAlchemy, JWT, Alembic, Chart.js, Swagger

CERTIFICATIONS

Mastering Data Structures & Algorithms — Udemy

C++ Programming: Beginner to Advanced — Udemy

Python for Data Science — NPTEL