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Apurva Singh
AI/ML Engineer

Address
Andheri, Mumbai
Maharashtra, 400072
DOB 1-july-2002

Recent B.Tech graduate with hands-on experience in Python, machine learning, and Artificial Intelligence. Looking for an entry-level role in Data Science or Artificial Intelligence to apply analytical skills and grow in a dynamic team environment.

Skills

Programming Languages:	Python, JavaScript, typescript, HTML5, CSS3, SQL, C, C++
Frameworks & Libraries:	Vllm, Django, Flask, FastAPI, React, Tailwind CSS, Langchain, Scikit-learn, TensorFlow, Keras, PyTorch
Tools & Platforms:	Git, GitHub, ,Docker, VS Code, Postman, Jupyter Notebook, n8n, Chrome DevTools, SQLite, PostgreSQL, REST APIs, ChatGPT, Gemini
AI/ML Skills:	Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Model Deployment, API Integration
Soft Skills:	Problem Solving, Debugging, Team Collaboration, Agile Workflow
Communication:	English, Hindi (Native)

Technical Experience

Software Developer — july 2025 — **Present**
Unlock technologies private limited — *Mumbai, India*
- Pan, Aadhar card OCR, Face match, Name Match, liveness detection, Aadhar masking for eKYC in Digikhata.
- AI Agent Studio for building Multi AI agents with MCP, A2A server and Custom Knowledgebase integration.
- Automate bulk URL remover on Google cloud console.
- Fintune LLM for custom use case - AI agent orchestration, RAG, and custom use case.
- Deployment on AWS cloud and Local server for privacy and security in Fintech application.

AI Engineer Intern — **Sep 2024 — Mar 2025**
Raddical Innovation Group — *Remote, Finland*
- Developed and fine-tuned deep learning models for NLP tasks such as text classification, improving accuracy by 20%.
- Integrated transformer-based models (BERT, RoBERTa) into production pipelines using Python and Huggingface.
- Delivered internal training on NLP workflows, annotation tools, and model evaluation techniques.
- Collaborated in an agile environment with cross-functional teams to deploy AI-driven features in real-world applications.

Deep Learning NLP Internship — **jun 2024 — Aug 2024**
Skill Oceans — *Alwar, Rajasthan*
- Gained hands-on experience in building and training neural networks using TensorFlow and PyTorch.
- Built text preprocessing pipelines including tokenization, stemming, and embeddings for NLP models.
- Completed a capstone project on sentiment analysis using LSTM and achieved 82% validation accuracy.
- Explored key NLP libraries (NLTK, spaCy) and implemented classification and named entity recognition tasks.

Technical Project

B2B Ecommerce Website
Team Project — *self*
- Implemented secure user authentication (JWT) with role-based access (admin/customer).
- Built product catalog with multiple images, sizes, and specifications.
- Developed full cart wishlist system, order management, and payments with references.
- Enabled document upload (e.g., invoices), real-time notifications, and responsive UI.
- Admin panel for managing users, products, orders, and payments.
- Tailwind CSS and Framer Motion used for modern UI/UX animations.

Cosmos.ai – Satellite Space Weather Tracker
Personal Project — *self*
- Real-time satellite tracking by integrating data from NASA, ESA, etc.
- Built interactive dashboards showing orbits, positions, and trajectories.
- Predicted solar storms and CMEs using AI algorithms.
- Visualized magnetic reconnection events with space-weather impact analysis.
- Alerts system for real-time events via push/email notifications.

YouTube Clone – React + Google OAuth2
Personal Project — *self*
- Google OAuth2 authentication with secure login system.
- Integrated YouTube Data API to search, play, and view videos.
- Added video details view, comments, like/dislike, and channel info.
- Used Redux Toolkit for lightweight state management.
- Fully responsive layout with Tailwind CSS.

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UPI Statement Analyzer (PDF Parser)
Personal Project   *self*

- Extracted transaction data from UPI bank statements (PhonePe, GPay) in PDF format.
- Parsed sender, receiver, amount, timestamps from unstructured financial data.
- Provided interactive dashboards with transaction trends, category-wise spend, etc.
- Used OCR + pattern matching to handle various statement formats.

WhatChat – Chat Analysis Tool
Personal Project   *self*

- Parses WhatsApp group and individual chats to generate detailed analytics.
- Graphical visualization of message counts, active users, word clouds, etc.
- Integrated Gemini API to generate chat summaries and insights.

EDUCATION

Bachelor of Technology (B.Tech) in Artificial Intelligence and Data Science with CGPA: 8.6 / 10   Jun 2025
Modern Institute of Technology and Research Center, Alwar

Senior Secondary (Class XII) in PCM with Percentage: 95.20%   Jun 2021
Gyandeep Ser. Sec. School, Alwar (RBSE)

ACTIVITIES

Smart India Hackathon 2024 – Finalist
Presented an AI-based solution to the Ministry of Education; ranked in the top 3% nationally.   Dec 2024

IDE Bootcamp Phase II – First Place
Awarded 1st prize in a national innovation challenge; led a team project on LLM integration.   Jun 2024

Smart India Hackathon 2023 – Finalist
Selected as a finalist for an AI-driven project; ranked in the top 5% nationwide.   Dec 2023

Internal Project Showcase – MITRC
Presented the Cosmos AI project at the annual institute showcase; recognized for innovative use of satellite data.   Apr 2024