

Hitesh Atkar is an enthusiastic and ambitious learner in the field of Artificial Intelligence, Machine Learning, and MLOps, with a strong focus on applying technical knowledge to solve real-world problems. Equipped with a MacBook Air M2 and reliable internet connectivity, he actively experiments with emerging technologies, builds projects, and seeks opportunities to transform his skills into meaningful applications and potential income sources.

From the beginning, Hitesh has shown a strong interest in web application development, deep learning, natural language processing (NLP), Generative AI, and Blockchain. His approach to learning is highly structured, starting from core machine learning and deep learning foundations, and gradually progressing toward advanced areas like LLMs (Large Language Models), LangChain, RAG (Retrieval-Augmented Generation), CrewAI, and MLOps pipelines. He thrives on breaking down complex problems and creating smart, efficient solutions that blend AI with modern software practices.

Hitesh has already initiated several impactful projects. One of his significant works is an OCR-based Aadhaar and PAN card verification system that integrates Blockchain for secure validation. This project is designed to assist businesses, landlords, and institutions in verifying employee and tenant documents securely, with a roadmap to extend support for digital signatures, broader KYC verification, and other legal document authentications. For this project, he has set up a MySQL database (aadhaar_pan_verification) with tables for users and verification requests, while planning to use Next.js for frontend and Flask or FastAPI for backend.

Another major project Hitesh is pursuing is the Smart Resume Analyzer & Improvement Assistant, a full-stack solution blending MLOps and Generative AI to help users analyze and improve resumes effectively. He has also worked on practical machine learning projects such as a Titanic Survival Prediction app with a styled HTML frontend and a Salary Prediction system using regression models (Linear, Decision Tree, Random Forest) integrated with MLflow for experiment tracking and WhyLabs for monitoring. These projects also explore CI/CD pipelines via GitHub Actions, Docker containerization, DVC for data versioning, and orchestration with Kubernetes, reflecting his strong commitment to modern ML production practices.

In addition to project building, Hitesh stays proactive about new opportunities in tech communities—for example, keeping track of events like Google Cloud swag challenges and AWS community sessions. His passion extends beyond coding; he values contributing to knowledge-sharing spaces and is keen on practical implementations that provide real-world business value.

Hitesh's learning philosophy is growth-driven. He steadily expands his expertise, moving from statistics and foundational ML/DL to advanced AI deployment practices, while exploring the intersections of AI, blockchain, and SaaS product development. With his dedication, structured approach, and clear vision, he is on a path not only to master

cutting-edge technologies but also to build scalable AI-powered SaaS solutions that can generate passive income and make a tangible difference in industries relying on automation, security, and intelligent decision-making.