



## Education

- M.tech, Data science & Artificial Intelligence**

2019 — 2021

Birla Institute of Technology and Science, Pilani
- B.E, CSE**

2008 — 2012

Bangalore College of Engineering & Technology
- 12th**

2008

CBSE Board K.V MEG Bangalore
- 10th**

2006

CBSE Board K.V NO 1



## Key skills

- Python

• JAVA

• DATABASE(Sql, Postgre SQL, Firebase Cloud)

• Android & Flutter (Android, iOS, Web)

• Deployment (AWS) & Backend FastAPI, Flask

• Django

• Flask

• Machine Learning

• NFC

• Tensorflow

• Scikit-Learn

• OpenCV

• Dlib

• Face Recognition

• Bluetooth

• NLP

• spaCy

• pyTorch

• Deep Learning

• Computer Vision

• LangChain

• LangGraph

• LLMs

• Azure AI Foundry

• Kubernetes

• Docker

• RAG Architecture

• CI/CD



## Key Achievements

-  **Bonafi is on a mission to defend all brands and retailers big and small, and protect consumers from counterfeits by implementing a fail-safe authentication system using blockchain technology.**

# ADITYA KUMAR PRAJAPATI

## Senior AI Engineer



13 Years 1 Month



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Bangalore



## Summary

Results-driven Senior AI Engineer with extensive experience in machine learning and deep learning, specializing in developing and deploying AI solutions. Proven track record in leading projects and teams, with a strong focus on client interaction and requirement gathering.



## Work Experience

Mar 2023 — Jul 2026

AI Engineer  
**Amurta India Private Limited** · Hyderabad

- Designed and developed GenAI, LLM, RAG, and Agentic AI solutions using Python.
- Built RAG pipelines and Vector Database solutions for enterprise data.
- Developed AI Agents and Multi-Agent workflows using LangChain/LangGraph.
- Integrated LLMs with APIs, databases, OCR, and enterprise applications.
- Deployed AI solutions using Docker, Cloud, and CI/CD.
- Designed scalable and secure enterprise AI architectures.

Oct 2022 — Mar 2023

Sr. Machine Learning Developer  
**EFFIGENT SOFTWARE SOLUTIONS PVT LTD.** · Hyderabad

- Deliver comprehensive business solutions in Machine Learning and AI, focusing on client needs and project delivery.
- My individual role is to build ML and DL model and deployment.

May 2019 — Oct 2022

Project Lead (ML/DL Engineer)  
**Nissi Software Systems** · Bangalore

- Provide end-to-end business solutions in Machine Learning, AI, and Data Science, including deployment.
- Led 15 project proposals and co-led another 10, generating significant revenue for the program.
- My individual role is to build ML and DL model and deployment.

Nov 2018 — Apr 2019

Team Lead  
**Medris Healthcare Solutions** · Bangalore

- Healthcare Software to monitoring Patients - with machine learning mode
- Managed a team of 10, enhancing leadership skills and team collaboration.
- ETL process with the help of SSIS - BI tool



## Framework Technology

- Django
- Flask
- FastAPI
- NFC
- Tensorflow
- Scikit-Learn
- OpenCV
- Dlib
- Face Recognition
- Bluetooth
- NLP
- spaCy

## WORK EXPERIENCE · CONTINUED

Jun 2013 — Oct 2018

Senior Software Developer

**Aquilonis Technology Pvt Ltd** · Bangalore

- LocusPlay solves this problem by delivering an integrated suite of lottery applications directly onto consumer's mobile phones
- Developed and delivered customized software solutions for major clients across multiple countries.
- Connect with the client to understand requirements, check the feasibility
- Discussing the demand within the team and create a proper road map to achieve the target within the estimated deadlines
- Architected application solutions and coordinated with the team to ensure timely delivery.
- Give task and module to the team members and developing the discussed features in the application
- Showcasing the demo to the client and incorporating their valuable feedback in the application
- Testing and Deploying the app to google play store within the estimated deadline



## Projects

### Logistx AI Engine

Core AI Architecture  
RAG (Retrieval-Augmented Generation) Architecture  
Vector Database & Semantic Search  
LLM / Generative AI Integration  
NLP & Prompt Engineering  
Compliance & Financial Calculations  
HS/HTS Code Classification to identify accurate codes  
AI-based Duty & Tax Calculation  
Import/export tax calculations  
Automation & Conversational Interface  
AI Chat Assistant for instant booking and logistics operations  
AI Chatbot / Agentic AI capabilities  
Intelligent Logistics Automation

### Data Insights Platform (DIP)

AI-driven data governance and data quality platform that automates data validation, profiling, transformation, and monitoring to improve data accuracy and support business insights. Python & Machine Learning, Data Quality & Anomaly Detection, AI-based Data Validation, NLP / LLM Integration, RAG & Vector Database, Automated Data Profiling, Intelligent Data Classification, AI-driven Data Governance, ETL/Data Pipeline Automation, Generative AI / Prompt Engineering

### 3TL

- 3TL is an off-chain tamperproof data engineering pipeline that lowers the barrier to entry for Web3 devs
- With the help of ML module we are doing Data Collection and Preparation also we are transform the data before load into the Web3 & Block chain.

### Ambulance Routing via Artificial Intelligence

- Utilizing Medris EMRoute, a first of its kind Artificial Intelligence algorithm and real-time traffic based intelligent software
- EMTs or remote clinicians are able to enter only a few important variables and know exactly which facility is optimal for patient care.
- The EMRoute system offers a user friendly interface, rapid processing, and is completely objective.
- Optimal ambulance destinations take into account different types of emergencies, navigation times, specific patient symptoms, and patient preference

### Safety Check - RFID

- Fast-R-CNN object detection & motion detection
- Object Detection and Classification of Person Based on OpenCV, dlib  
Convolutional Neural Network Deep Learning using raspberry pi 4 & hikvision camera.

## PROJECTS · CONTINUED

### KYC Screen

- Online self-service identity verification process, using face recognition and dlib
- mobile consumer onboarding for banks.
- This can be done from home, so there is no need to travel to an office or have someone come to the door.
- You simply use the consumer's smartphone to read the NFC chip, and integrated your app through our SDK.

### Taaply

- Taaply Smart Card is a digitized physical card that allows you to tap and share your personal or business information with clients, friends or acquaintances.
- No more typing phone numbers or entering social media user names, and you can definitely kiss paper business cards goodbye