

MANISH YADAV

emanish365@gmail.com | 09792976004 | Jaunpur Uttar Pradesh

Portfolio | LinkedIn | GitHub | Tweeter

EDUCATION

Rama University

B.Tech in Computer Science and Engineering

Kanpur, Uttar Pradesh, India

July 2019 – June 2024

EXPERIENCE

Technophilia Solutions | Machine Learning Intern

New Delhi, India | July 25 – Sept 10, 2023

- Developed and deployed **plant disease detection models** using Machine Learning, trained on Kaggle datasets, achieving high accuracy in classification.
- Implemented a **Django backend** for seamless ML model integration into production-ready applications.
- Gained strong expertise in **algorithm design, dataset preprocessing, and backend deployment**.

Open Source Contributions

Remote | 2022 – 2024

- Built automation bots** (Internshala, LinkedIn, Wellfound) using Selenium, BeautifulSoup, FastAPI and Celery to reduce manual work by 70%.
- Designed and deployed **REST APIs with Django REST Framework (DRF)** and FastAPI, improving the request handling performance by 25%.
- Created cross-platform mobile apps using **Flutter (GetX, BLoC)** and modern UIs with **React, Redux, TailwindCSS**.
- Optimized backend systems with **Redis caching, Celery task queues, and MySQL databases**.

TECHNICAL SKILLS

Languages:	Python, Java, Dart, JavaScript, HTML5
Frameworks:	Django, DRF, FastAPI, Flutter (GetX, BLoC), React (Redux, TailwindCSS), Bootstrap 5
Databases:	MySQL, SQLite, Firebase
Tools:	GitHub, VS Code, Docker, Redis, Celery
AI/ML:	Machine Learning, Regression, Classification, Neural Networks, CNN, NLP, Nltk, TensorFlow, AI Chatbots
Automation & Web Scraping:	Selenium, BeautifulSoup, Requests
Other:	REST API Development, Data Analytics, Cloud Deployment

PROJECTS / OPEN-SOURCE

Internshala Auto Job Apply | Link

Django, React, FastAPI, Selenium, Celery, Redis, Bs4

- Automated internship/job applications on Internshala with intelligent form filling and captcha handling.
- Integrated Celery & Redis for **asynchronous task scheduling**, reducing latency in automation.
- Detect assignment and auto solved by **Gimini**, to save the time of candidate.

Twitter Sentiment Miner | Link

Python, Django, Drf, Regression, NLP, React, Tailwind

- Developed a sentiment analysis tool using Logistic Regression, TF-IDF, and NLP preprocessing.
- Achieved **87% accuracy** in classifying real-world tweets (positive/negative/neutral).

Linkedin & Pdf Resume Analyzer | Link

Gemini, Fastapi, NLP, Spacy, Selenium, Bs4, React

- Scrap **Real time data** from any linkedin account by username
- Built an **ATS resume analyzer** that matches resumes against job descriptions.
- Suggested **keywords and improvements** to improve recruiter selection rates.

Brain Tumor Detection API | Link

TensorFlow, CNN, FastAPI

- Designed a CNN achieving **90%+ accuracy** for brain tumor detection from MRI scans.
- Exposed model as a **REST API with FastAPI**, integrated into a React-based front-end.

AI Email Generator & Sender | Link

Fastapi, Gimini API, SMTP, React, Tailwind

- Automated professional email writing using AI, tailored for business/personal contexts.
- Integrated a secure **email sending pipeline with tracking** features.

Gemini Chatbot App | [Link](#)

Flutter, Bloc, Gemini, Hive

- Developed an advanced chatbot app using the Gemini API with real-time conversational responses.
- Improved performance via **Hive** and State Management Like **Bloc** live streaming.

Awesome Vpn App | [Link](#)

Flutter, Hive, OpenVPN, GetX

- Implemented country-specific server selection with flags, IP, and ping display for intuitive navigation.
- Integrated network quality indicators with intuitive icons based on ping values. Use **GetX** for states
- Optimized UI with single-expansion country lists for an organized server selection experience.

Telegram Bot (Work Automation) | [Link](#)

Django, REST Framework, Telebot, Sqlite

- Built a Telegram bot with **secure login automation** for platforms like Hubstaff.
- Integrated **user verification, daily updates, task management, feedback, stats, and leave tracking**.

Suno.com Song Generation Automation | [Link](#)

Python, Selenium, Requests

- Automated **song generation on Suno.com** by integrating Selenium with Requests for handling web interactions.
- Implemented a solution to bypass **hCaptcha token verification** using session cookies and request handling.

CERTIFICATIONS

- Data Analytics and Machine Learning Workshop – Rama University
- Problem solving through C - IIT Kharagpur (NPTEL)
- Programming in Java – IIT Kharagpur (NPTEL)

HONORS & AWARDS

- Technical Team Leader – College IT Cell
- Selected for the college coding test (2024) for outstanding problem solving and coding skills, organized by Rama University.