

RAVI PRAKASH PANDEY

Data Scientist | Machine Learning Engineering

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LinkedIn

SUMMARY

I am an experienced Software Engineer with 7 years of expertise, Data Scientist with 4 years of experience in designing and deploying end-to-end ML & GenAI solutions. Skilled in Machine Learning, Deep Learning, and LLMs (Large Language Models) with expertise in Python, SQL, NLP, and Cloud Deployment. Proficient in building predictive models, scalable pipelines, and integrating ML/AI solutions into production. Passionate about applying LLM-powered AI for automation, insights, and decision-making.

EXPERIENCE

Senior Software Engineer

Happiest Minds Technologies

04/2023 - Present | Noida, India

A technology company focused on providing IT solutions and services.

- Architected and maintained robust Python-based data pipelines and analytics platforms.
- Developed RESTful APIs with RestAPI and Django, GenAI for scalable web and mobile solutions.
- Led cross-functional teams in delivering high-impact software products.
- Optimized ETL pipelines and automated reporting using pandas, NumPy, and SQL.
- Mentored junior engineers and led a project module end-to-end.

Full Stack Developer

Exchange4Media (Adsert Web Solutions Pvt. Ltd)

10/2021 - 04/2023 | Noida, India

A company engaged in software development.

- Designed automation scripts and performed advanced data analysis using Python.
- Contributed to full-stack web application development and deployment.
- Participated in code reviews, process improvements, and Agile ceremonies.
- Collaborated with business stakeholders to gather requirements and deliver solutions.

PHP Developer

Bhatiya Software Pvt Ltd (ProProfs)

05/2019 - 03/2021 | Noida, India

A company engaged in software development.

- Worked on two different projects created PHP services and APIs and jQuery/AJAX, optimized MySQL queries, and integrated AWS S3 for secure asset handling and reliable deployments.

PHP Developer

91 Techive Online Services Pvt Ltd

03/2018 - 05/2019 | Noida, India

A company engaged in software development.

- Built and deployed PHP microservices on a MySQL backbone using a PHP framework.

EDUCATION

Master of Computer Application (MCA) - Computer Science and Engineering

Integral University

2019 - 2021 | Noida, India

Bachelor of Computer Application (BCA) - Computer Science

MAKAUT (West Bengal University of Technology)

2013 - 2016 | Kolkata, India

RELEVANT PROJECT

Kaplan College Pathway Program – AI Agent Development

Developed an AI-powered agent using **LangChain**, **Gemini API**, and **Retrieval-Augmented Generation (RAG)** to support Kaplan College's student pathway program. Implemented intelligent query handling and contextual information retrieval, and deployed the solution on an **AWS server** to ensure scalable and reliable access.



Date of Birth: 02 Feb 1995

Gender: Male

Location: Noida, India

LANGUAGES

English, Hindi

HOBBIES

Reading tech blogs

Playing Game

Traveling

AWARDS

Heart icon Awarded "Extra Miles Champion" award for exceptional ownership and delivery at **Happiest Minds** (2025)

Flame icon Awarded "Best Achiever" award for excellence in coding and project delivery at **Exchange4Media** (2022).

SKILLS

Programming & Libraries: Python, Pandas, NumPy, Scikit-learn, PyTorch, TensorFlow, Keras, Hugging Face Transformers, GenAI

Databases: SQL, PostgreSQL

Machine Learning: Regression, Classification, Clustering, Feature Engineering, Model Evaluation

Deep Learning & LLMs: CNN, RNN, LSTMs, Transformers, GPT models, OpenAI API, Hugging Face

Deployment & Cloud: Flask, Django REST, FastAPI, Docker, AWS, Bedrock, Langchain

Visualization: Matplotlib, Seaborn, Power BI

Tools: Git, Jupyter Notebook, Linux

KEY PROJECTS

HR Chatbot for Employee

Designed and developed an HR chatbot to handle employee enquiries related to policies, leave, and general HR information.

Automated ETL Pipeline

Designed and deployed an ETL pipeline for data ingestion and transformation using Python and SQL.

Crypto Price Alert Bot

Developed a Telegram bot for crypto price alerts using REST APIs and Python automation.