

# HEMANT OJHA

Varanasi, Uttar Pradesh | [hemantojha851@gmail.com](mailto:hemantojha851@gmail.com) | +91 7905646351

<https://www.linkedin.com/in/hemantojha1228> | <https://github.com/SonGoku2818>

## PROFESSIONAL SUMMARY

Aspiring Data Scientist and Machine Learning Engineer with expertise in supervised learning, unsupervised learning, and reinforcement learning, specializing in data analytics, predictive modeling, and generative AI. Proficient in Python, R, SQL, and MongoDB, with strong knowledge of statistical analysis, feature engineering, and model evaluation. Skilled in building and deploying machine learning models, recommendation systems, and AI-powered solutions for real-world applications. IBM Certified in Data Science, with a solid academic foundation in Artificial Intelligence and hands-on experience through internships and end-to-end projects. Adept at applying data-driven insights, automation, and innovative AI technologies to solve complex business challenges.

## EDUCATION

- Bachelor of Computer Applications (BCA) - IBM (AI Specialization)
- United University, Prayagraj, Uttar Pradesh | Graduation Year
- Higher Secondary (12th)
- International Hindu School, Varanasi, Uttar Pradesh
- Secondary (10th)
- Tulsi Vidya Niketan School, Varanasi, Uttar Pradesh

## TECHNICAL SKILLS

- Programming Languages: Python, R, Java
- Databases: MongoDB, SQL
- Data Science: Data Cleaning, Data Visualization, Advanced Statistical Analysis, Predictive Modeling, Feature Engineering, Exploratory Data Analysis (EDA)
- Machine Learning: Supervised & Unsupervised Learning, Model Training & Evaluation, SVM, Regression
- Generative AI: Prompt Engineering, Gemini API, AI Chatbot Development, Text Generation

Tools & Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, PyTorch, Git/GitHub, Streamlit

## PROJECTS

1. **Resume Analyzer with Gemini API** – Built an AI-powered resume analysis tool using Google's Gemini API, achieving 80% accuracy in skills extraction and job-role matching.
2. **PDF Q&A System** – Developed a document question-answering system using Gemini API, delivering 85% precision in context-based responses.
3. **AI Chatbot with Gemini API** – Created a conversational chatbot for dynamic text generation and task automation, leveraging Google's Gemini API for real-time responses.
4. **Data Preprocessing & EDA Pipeline** – Cleaned, transformed, and analyzed 10+ datasets (handling missing values, outliers, and feature engineering) to prepare them for machine learning model training.

## TRAINING EXPERIENCE

### Data Analyst | Machine Learning (Intern)

Allswift Solutions | 03/06/2024 – 02/01/2025

- Analyzed datasets to identify trends and created visualizations using Python and Pandas.
- Improved data processing efficiency by 20% through optimized Python scripts.
- Collaborated with cross-functional teams to deliver data-driven solutions.

### Summer Training – Artificial Intelligence & Machine Learning

American University of Ras Al Khaimah (AURAK), UAE | 1 Week

- Completed an intensive summer training program specializing in AI and ML.
- Gained practical exposure to machine learning workflows, model development, and real-world AI applications through hands-on projects.

## SKILLS & ACHIEVEMENTS

- Achieved 90% accuracy in resume-job matching by developing an AI-powered analyzer using Google Gemini API.
- Built a PDF Q&A system with 85% precision using Gemini Pro API for context-based document search.
- Implemented a context-aware AI chatbot using Gemini Pro API for dynamic task automation.