

Here's the enhanced resume, incorporating the requested keywords and tailored to the job description:

****Bagesh Jha****

Data Scientist / Data Analyst

+91 6287575107 | bageshjha7@gmail.com | LinkedIn Profile | Noida, IN

****Summary****

Data Analyst and AI enthusiast with a B.Tech in Robotics and Automation, eager to learn and contribute to complex data-driven projects. Demonstrated ability to extract actionable insights from datasets, solve real-world problems, and drive business decisions. Skilled in data analysis, machine learning, and applying innovative solutions in dynamic environments. Possesses strong collaboration skills and the ability to leverage insights from complex datasets. Motivated to ask insightful questions and find effective solutions, with a passion for continuous learning and staying current with the latest advancements in AI and data science.

****Education****

B.Tech Robotics and Automation | Bhartiya Vidyapeeth University | Pune, India | 2020-2024

CGPA: 8.0/10.0

Relevant Courses: Economics, Project Management, Robotics Programming, Artificial Neural Networks, Robot Programming, Algorithms, Industrial Internet of Things.

****Experience****

Data Analyst Intern | N-Sight Consulting Group Private Limited | Gurugram, India | JUN-AUG(2023)

- * Performed secondary research on various Data Sources.
- * Data Scraping using python.
- * Data Compilation and Analysis using Python , MS Excel and MySQL.
- * Data Visualization.

****Projects****

****End-to-End Churn Analysis****

- * Conducted a comprehensive analysis of customer churn using SQL, Power BI, and Python to identify patterns and trends.
- * Built a predictive model using RandomForestClassifier, achieving an accuracy of 86.
- * Performed data cleaning, feature engineering, and exploratory data analysis to support insights and improve model performance.
- * Created interactive dashboards in Power BI to visualize churn trends and customer behavior.
- * Utilized Python, pandas, scikit-learn, matplotlib, PowerBI, SQLServer.

****Health Assistant web application****

- * This project focuses on predicting the likelihood of three diseases: Diabetes, Heart Disease, and Parkinson's Disease.
- * Each model is loaded from pre-trained files and integrated into the Streamlit web app for easy interaction. Users provide the necessary health data, and based on the model's prediction, the app returns a result indicating the likelihood of the specific condition.
- * Used Python, Numpy, Pandas, Streamlit, pickle, Scikit-Learn, Logistic Regression, Support Vector Machine.

****Handwritten Digit Recognition****

- * This project is a handwritten digit recognition system implemented in Python using the

TensorFlow framework.

- * It's designed to recognize and classify handwritten digits from 0 to 9, making it a valuable tool for various applications, such as digit-based CAPTCHA systems, check digit recognition on bank checks, and much more.
- * Used Python, CNN, TensorFlow, Open CV, Matplotlib.

****Fraud-Detection****

- * This project focuses on building a fraud detection model using Random Forest.
- * The dataset used contains transactions labeled as fraudulent or non-fraudulent.
- * The goal is to predict whether a transaction is fraudulent based on the features provided in the dataset to gain insights into customer behavior and sales patterns.
- * Used Python, Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Random Forest Classifier.

****Bigram Model****

- * This project focuses on building a Bigram Language Model using Python.
- * The dataset used is the text from the book "The Wizard of Oz," and the model is designed to predict the next character based on the previous sequence of characters. A vocabulary was created from the unique characters in the text, and a mapping between characters and integers was used to encode and decode text.
- * Used Python, PyTorch, Torch.nn, AdamW optimizer.

****End-to-End Medical Chat-bot App****

- * This project involves building a chatbot that can answer medical questions using information from the Gale Encyclopedia of Medicine.
- * This project sets up an end-to-end pipeline using Pinecone, LangChain, and Hugging Face embeddings.
- * It is a Flask-based application structured for easy setup and modular code maintenance.

- * Used Python, Hugging Face Transformers, Flask API, Pinecone, Langchain, Llama

****Online Courses & Certifications****

- * Agile Project Management Professional Certificate: Learned Agile, Scrum and Jira. - Atlassian
- * Product Management Professional Certificate: Discovered how to do product management and studied about product strategy and road mapping. - LinkedIn Learning
- * Responsive Web Design : Learnt How to create and handle Web Pages.- FreeCode camp
- * Google Data Analytics Specialization : Completed the Google Data Analytics Specialization Course Google
- * Machine Learning With Python : Studied NLP, Tensorflow and Neural Networks. FreeCodeCamp
- * Foundational Generative AI :- Used Hugging Face and OpenAI APIs to create generative AI models for text and visual content. Neuron.ai

****Skills****

- * ****Programming/Frameworks:**** Python, R, SQL, HTML, CSS, Django, Flask, Streamlit, Pytorch, Scikit-Learn, Javascript.
- * ****Data:**** Tableau, Power BI, Advanced Excel, BeautifulSoup, Selenium, Pandas, Numpy.
- * ****Machine Learning / Cloud:**** AWS(EC2), Docker, Kubernetes, TensorFlow, Neural Networks, LLM, Transformers, NLP, GenAI, Langchain, CrewAI, A/B testing.
- * ****Project - Product Management:**** Agile, Scrum, Jira, Kanban, Product Management, Product Roadmapping.
- * ****Robotics****: Arduino, Raspberry Pi, Solid Works, ROS.
- * ****Soft Skills:**** Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking.