Bhuvan Patil

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Data Science and Machine Learning enthusiast with experience in predictive modeling, NLP, and data analysis using Python and SQL. Proven ability to deliver end-to-end solutions and extract actionable insights, with multiple hackathon wins and strong skills in feature engineering and model deployment.

EDUCATION

B. Tech. in Computer Science & Engineering (Honors in Data Science) | 2022 - 2026
S. B. Jain Institute of Technology, Management & Research, Nagpur, India
- Relevant Coursework: Machine Learning, Deep Learning, Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Web Development, Natural Language Processing
- GPA: 9.83

TECHNICAL SKILLS

- **Languages & Tools:** Python, C, JavaScript, SQL
- **Data Science:** NumPy, Pandas, Seaborn, Matplotlib
- **Machine Learning:** Scikit-Learn, TensorFlow, Keras, NLP
- **Web Development:** MERN Stack, Django, Flask, HTML5, CSS3
- **Data Visualization & BI:** Power BI, Tableau, Looker, Looker Studio
- **Version Control:** Git, GitHub
- **Others:** Linux, OOPs, DSA, Debugging & Testing

CORE STRENGTHS & SOFT SKILLS

- **Analytical Approach to Challenges:** Breaks down complex data tasks into clear steps to find effective solutions.
- **Clear Technical Communication:** Explains project insights and methods in a way that is easy for diverse teams to understand.
- **Quick Learner of New Tools:** Rapidly masters emerging data science frameworks & technologies.
- **Organized and Deadline-Oriented:** Plans work carefully to deliver projects on schedule.
- **Careful and Thorough:** Reviews code and analyses to ensure accuracy and consistency in results.

PROFESSIONAL EXPERIENCE

NLP Engineer Intern | June 2025
Maharashtra Remote Sensing Applications Center (*MRSAC), VNIT Nagpur*
- Implemented a Python-based voice assistant that automated information retrieval, reducing manual data lookup time by 40%.
- The system leveraged Natural Language Processing to process and respond to user queries via voice commands with 85% accuracy.

Google Data Analytics Trainee | April 2025 – June 2025
EduSkills Foundation (AICTE)
- Cleaned, prepared, and validated datasets of over 10,000 records using spreadsheets and SQL, improving data accuracy by 30%.
- Performed exploratory data analysis (EDA) and statistical methods to uncover key trends and actionable insights.
- Designed 3 interactive dashboards and reports in BigQuery, Looker, and Looker Studio to support stakeholder decision-making.

Google AI/ML Trainee | January 2025 – March 2025
EduSkills Foundation (AICTE)
- Built and trained deep learning models with TensorFlow and Keras, achieving over 80% accuracy on benchmark datasets.
- Applied convolutional neural networks (CNNs) to classify image datasets with over 5,000 samples, improving prediction accuracy by 20% compared to baseline models.

Python Programming Intern | July 2024
CodSoft
- Created Python utilities that automated data processing workflows, reducing data preparation time by 30%.
- Conducted unit testing and debugging on production-level code, achieving 95% test coverage.

ML & Data Science Intern | June 2024
Codemate IT Services Pvt. Ltd.
- Developed and tested machine learning models to analyze Netflix subscription trends and customer segments, improving prediction precision by 15%.
- Analyzed a Netflix subscription dataset containing over 10,000 user profiles to identify three key drivers of customer churn, informing targeted intervention strategies to improve customer retention.

PROJECTS

Blood Group Detection via Fingerprint Analysis and ML
- Implemented a machine learning model to classify blood groups from fingerprint images, achieving ~91% accuracy.

NexusAI: Personal Voice Assistant
- Developed an intelligent voice assistant supporting natural language understanding and voice commands.
- Integrated speech recognition APIs and trained custom NLP pipelines to generate contextual responses.

Titanic Survival Prediction
- Built supervised models (Logistic Regression, Random Forest, SVM etc.) achieving ~85% accuracy in survival classification.
- Performed feature engineering, hyperparameter tuning, and model evaluation using scikit-learn.

Netflix Subscription Analysis
- Executed in-depth data exploration and visualization to identify churn patterns and generate actionable business insights.

ACHIEVEMENTS

- **Academic Topper,** S. B. Jain Institute of Technology (2022 - 2026)
- **Winner, Smart India Hackathon - Internal Hackathon -** 2023 & 2024
- **1st Place, Case Study Competition -** GHRCE, 2024

LANGUAGES

- **English**
- **Hindi**
- **Marathi**