

# Bhuvan Patil

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## SUMMARY

Passionate Data Science student with hands-on experience in Machine Learning, NLP, and Data Analysis. Seeking to apply analytical and programming skills to extract insights, optimize models, and support data-driven decision-making.

## EDUCATION

### S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH

B.TECH. IN COMPUTER SCIENCE & ENGINEERING (HONORS IN DATA SCIENCE)

2022 – 2026 | Nagpur, India

GPA: 9.83 / 10

## EXPERIENCE

### MAHARASHTRA REMOTE SENSING APPLICATIONS

CENTER (MRSAC), VNIT NAGPUR | NLP ENGINEER INTERN

June 2025 | Nagpur, India

- Implemented a Python-based voice assistant that automated information retrieval, reducing manual lookup time by 40%.
- Leveraged NLP to process and respond to user queries via voice commands with 85% accuracy.

### CODEMATE IT SERVICES PVT. LTD. | ML & DATA SCIENCE

INTERN

June 2024 | Nagpur, India

- Developed and tested ML models to analyze Netflix subscription trends, improving prediction precision by 15%.
- Analyzed a dataset of 10,000+ user profiles to identify three key drivers of customer churn, informing targeted retention strategies.

## PROJECTS

### BLOOD GROUP DETECTION VIA FINGERPRINT ANALYSIS

AND ML | FINAL YEAR PROJECT

- Implemented a CNN model to classify blood groups from fingerprint images, achieving ~91% accuracy.
- Processed and analyzed over **6,000 fingerprint samples**, applied data augmentation & feature extraction.

### CERVICAL CANCER DETECTION USING DEEP LEARNING

- Conducted a comparative study of various models like ANN, RNN, TabNet on Cervical Cancer dataset.
- Achieved up to **95.3% accuracy** and **0.97 AUC** with an optimized ANN, outperforming classical ML models.

### TITANIC SURVIVAL PREDICTION

- Built supervised ML models (Logistic Regression, Random Forest, SVM) with ~85% accuracy.
- Performed feature engineering, hyperparameter tuning, and model evaluation using scikit-learn.

## TECHNICAL SKILLS

### LANGUAGES

Python • SQL

### DATA SCIENCE & ML

NumPy • Pandas • Scikit-Learn  
TensorFlow • Keras

### DATABASES

MySQL • MongoDB

### VISUALIZATION

Power BI • Tableau • Matplotlib • Seaborn

### TOOLS & OTHERS

Git • GitHub • OOPs • DSA

## CERTIFICATIONS

- Deloitte Australia Data Analytics Job Simulation (Forage)
- Infosys Springboard: AI Learning Path (19 Courses)
- NPTEL: AI - Knowledge Representation & Reasoning
- NPTEL: Data Science for Engineers
- NPTEL: Introduction to Machine Learning
- NPTEL: Python for Data Science
- NPTEL: Programming, Data Structures & Algorithms using Python
- NPTEL: Problem Solving through C

## ACHIEVEMENTS

- AIR 26264 - GATE CSE (2025)
- Qualified - SIH Internal Hackathon (2023, 2024 & 2025)
- Finalist - Samadhan2.0 Hackathon, SIS-Tech, Bhopal (2025)
- 1st Runner Up - CogniSkill Campus Talent Hunt, VNIT, Nagpur (2025)
- 1st Place - Case Study Competition, GHRCE (2024)

## LANGUAGES

- English
- Hindi
- Marathi