





# Gaurav Bhoi

Data Science Trainee | Machine Learning Engineer | Data Analyst

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## EDUCATION

<b>Bachelor of Technology (B.Tech) in Electronics &amp; Telecommunication</b> <i>R.C. Patel Institute of Technology, Shirpur (Mumbai University Affiliated)</i>	Sep 2021–Jul 2024 <i>CGPA: 7.1/10.0</i>
<b>Higher Secondary Education (HSC)</b> <i>R.V. Junior College, Chalisgaon</i>	Feb 2019–Mar 2020 <i>Percentage: 61%</i>

## SKILLS

**Languages:** Python, Java  
**Databases:** MySQL, MongoDB  
**Frameworks:** Pandas, Scikit-learn, PyTorch, Tensorflow, NumPy  
**Visualization:** Power BI, Tableau, Seaborn, Plotly  
**Machine Learning:** Regression, Classification, Ensemble Learning,  
**Deep Learning:** ANN, DNN, RNN, Transformers, NLP, CNN  
**GenAI Tools:** ChatGPT, Gemini, MetaAI

## PROJECTS

<b>Customer Churn Prediction Using Deep Learning</b> <ul style="list-style-type: none"><li>Processed large-scale customer datasets, performed data cleaning, feature scaling, and categorical encoding to enhance model performance.</li><li>Built a multi-layer ANN model with dropout regularization, trained using binary cross-entropy loss and Adam optimizer to improve accuracy</li><li>Applied hyperparameter tuning, AUC-ROC analysis, and confusion matrix evaluation to optimize performance.</li></ul>	March 2025– Apr 2025
<b>Healthcare Insurance Analysis</b> <ul style="list-style-type: none"><li>Data preprocessing and feature engineering to handle missing values and outliers.</li><li>Built predictive models (Logistic Regression, Decision Trees, Random Forest, XGBoost) for claim likelihood estimation.</li><li>Achieved 91% Accuracy – Evaluated model using Accuracy, Precision, Recall, and F1-score for reliability..</li></ul>	Jan 2024–Mar 2024

## WORK EXPERIENCE

<b>Data Science Intern</b>   <i>Simplilearn (Remote)</i> <ul style="list-style-type: none"><li>Trained in statistical modeling, data visualization (Matplotlib, Tableau), and ML pipelines by completing over 20 hands-on lab assignments and 3 end-to-end mini-projects.</li><li>Developed a customer churn prediction model achieving 85% recall and 80% precision, presented as part of the capstone project to instructors.</li></ul>	Oct 2024–Feb 2025
<b>Trainee Software Developer</b>   <i>Capgemini (Shirpur)</i> <ul style="list-style-type: none"><li>Designed and implemented a Java-based application for managing student records, improving administrative efficiency by 30%, using MySQL and Java Swing.</li><li>Worked on team projects, debugging issues, and implementing best coding practices.</li></ul>	Mar 2024–Jun 2024

## CERTIFICATIONS

- Master's Program - Data Scientist** – *Simplilearn Certified in collaboration with IBM* (Oct 2024)
- Data Science with Python** – *Simplilearn*
- Machine Learning Specialization** – *Simplilearn*
- Tableau 10 Certification** – *Simplilearn*
- SQL Training** – *Simplilearn*
- Data Science Capstone** – *Simplilearn*