

# Alok Bhateshwar

Data Scientist & Web Developer

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## Summary

Computer Science student passionate about Data Science and Web Development. Experienced in building intelligent data-driven solutions and modern web applications. Skilled in Python, Machine Learning, and modern web technologies. Eager to learn and contribute to impactful projects.

## Skills

- **Languages:** Python, JavaScript, HTML, CSS
- **Frameworks/Libraries:** React, Node.js, Redux, TensorFlow, Keras, Pandas, NumPy, Scikit-learn
- **Tools:** Git, Jupyter Notebook, MongoDB, YFinance, Matplotlib, Seaborn
- **Other:** Data Analysis, Machine Learning, Deep Learning, Web Development

## Education

<b>Bikaner Technical University</b>	2023–2027
B.Tech, Computer Science and Engineering	CGPA: 8.5+ (Current, 3rd Year)
<b>SRK Jobner</b>	2022–2023
Senior Secondary, Science	Percentage: 83.6%

## Projects

- **House Price Prediction Model:** Machine learning regression model to predict house prices using Python, scikit-learn, and pandas with real estate dataset analysis. Implements Random Forest Regressor for accurate predictions and includes data cleaning, feature selection, and visualization. (Python, Pandas, Scikit-learn, Random Forest, Jupyter Notebook)
- **CGPA to Package Prediction Model:** Linear Regression model to predict a student's placement package (LPA) based on CGPA. Demonstrates the relationship between academic performance and placement salary using data visualization and machine learning. (Python, Pandas, Scikit-learn, Linear Regression, Jupyter Notebook)
- **Social Ads Logistic Regression Model:** Logistic Regression model to predict user purchase behavior based on social network ads data. Includes data preprocessing, model training, evaluation, and visualization of decision boundaries. (Python, Pandas, Scikit-learn, Logistic Regression, Jupyter Notebook)
- **Face Recognition System:** Deep learning-based system for secure authentication and attendance. Real-time detection and recognition using OpenCV and TensorFlow. (Python, TensorFlow, OpenCV, Keras)
- **Myntra Clone:** Full-stack e-commerce platform clone with product recommendations, user authentication, and secure payment integration. (React, Node.js, MongoDB, Redux)

- **Personal Portfolio Website:** Modern, responsive portfolio website with smooth animations and interactive elements. (HTML5, CSS3, JavaScript)
- **Customer Churn Prediction:** Machine learning model to predict customer churn using historical data. (Python, Scikit-learn, Pandas, Matplotlib)
- **Stock Price Prediction:** Time series analysis and prediction of stock prices using LSTM networks. (Python, TensorFlow, Pandas, YFinance)
- **Netflix Data Cleaning:** Data analysis and visualization on Netflix's content dataset. (Python, Pandas, Matplotlib)
- **Pima Indians Dataset Analysis:** Exploratory data analysis and cleaning on the Pima Indians Diabetes Dataset. (Python, Pandas, NumPy, Matplotlib, Seaborn)
- **Employee Data Analysis:** Analysis of employee data to uncover trends in workforce demographics, performance, and retention. (Python, Pandas, NumPy, Matplotlib)
- **Medical Charges Analysis:** Exploratory data analysis and visualization of medical insurance charges based on age, BMI, smoking status, and more. Uncovered key factors impacting healthcare costs using interactive visualizations. (Python, Pandas, Plotly, Seaborn, Matplotlib, Jupyter Notebook)
- **Hotel Booking Analysis:** Analysis of hotel booking patterns and trends using Python. (Python, Pandas, Matplotlib)

## Experience

**Data Analyst & Data Scientist Intern**  
Ongoing

IT EXPERT, Jaipur

- Contributed to real-world data analysis projects, gaining hands-on experience in Python, Pandas, and teamwork in a professional environment.