

Deepak Bashyal

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About Me

Detail-oriented BCA graduate with a strong foundation in Python, SQL, and data analysis, along with hands-on experience in machine learning and backend development. Built and deployed projects involving predictive modeling and data-driven insights, achieving high accuracy and performance. Possesses strong problem-solving abilities, technical skills, and effective communication developed through both technical and customer-facing roles.

Education

Yeti International College, Tribhuvan University

Bachelor of Computer Application

2020- 2025

Relevant Coursework: Software Engineering, Data Structure & Algorithms, Database Management Systems, Artificial Intelligence

Everest College

National Examination Boards, Management

2018– 2020

- **Majors:** Finance and Mathematics

Projects

Salary Prediction model

- Built a machine learning model using Python to predict salaries based on features like experience, education, and industry experience, achieving 92% accuracy.
- Preprocessed datasets, handled missing values, and optimized model settings to improve accuracy and performance.

Sales Analysis with SQL

- Conducted comprehensive data analysis on a pizza sales dataset using MySQL Workbench, performing operations like data cleaning, JOINS, and aggregation to extract actionable insights.
- Demonstrated expertise in SQL by optimizing queries for performance and generating detailed reports to support data-driven decision-making.

Covid- 19 classification model

- Developed a COVID-19 classification model to predict infection status as positive or negative based on user-reported symptoms, achieving an accuracy rate of 87%.
- Performed data cleaning and preprocessing, handling missing values and outliers, to ensure the dataset's quality and improve the model's prediction performance.

Professional Experience

Backend Developer Intern – Tech Nirvana

- Designed and optimized database structures to improve performance and scalability.
- Developed and implemented RESTful APIs to support web applications.
- Conducted API testing to ensure functionality, security, and efficiency.

Outbound Customer Service Representative – White Hat Digital

- Conducted high-volume outbound calls to potential and existing customers
- Explained services/products and handled customer queries effectively
- Managed objections and improved customer engagement through persuasive communication
- Maintained accurate call records and follow-ups using CRM tools
- Met daily/weekly call targets and contributed to team performance

Certifications & Achievements

Data Analytics bootcamp | 21st march 2024

Data Mites

Data Science with python | 18th Feb - 19th May 2024

Broadway Infosys

Skills

- **Programming Languages:** Python, SQL, JavaScript
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MySQL, Sequelize
- **Tools & Technologies:** Git, Postman, Jupyter
- **Soft Skills:** Problem-Solving, Critical Thinking, Team Collaboration, Communication