

Bhavya Shah

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SUMMARY

I am a passionate professional with 6 months of experience in Python development, data science, and machine learning. I have a strong foundation in process automation, analysis, and reporting. I am eager to learn and contribute to innovative projects in these fields.

EDUCATION

B. E. COMPUTER ENGINEERING

Government Engineering College · Bhavnagar · 2023 · 8.07

12th Science

Shree Naimisharanya Eanglish School · Bhavnagar · 2019 · 68.4

10th

The KPES English School · Bhavnagar · 2017 · 86.3

EXPERIENCE

Software Engineer Intern

Technocolabs Softwares

May 2023 - July 2023, Remote

- Developed a loan eligibility prediction web application using Python and machine learning algorithms, achieving an accuracy rate of 85% in predicting loan eligibility for users.
- Implemented and optimized an API for real-time predictions of a machine learning model by preprocessing categorical data and training the model with various metrics and multiple learning rates, using the FastAPI Python framework.
- Created a method to handle user requests using secure API endpoints and robust error handling to ensure a user-friendly and reliable loan eligibility prediction experience, improving user satisfaction by 45%.

Software Engineer Intern

Cybercom Creation

February 2023 - April 2023, Ahmedabad

- Developed a real-time fraud detection web app that uses FastAPI, Python, and ML algorithms to detect fraudulent activities and provides real-time alerts.
- Optimized data by employing extensive data preprocessing to enhance input quality, resulting in improved fraud detection accuracy from 80% to 94%.
- Implemented payment security features, which decreased the number of declined transactions by 75%, improving the user experience, in an e-commerce application.

SKILLS

Python

FastAPI & Django

MySQL

Machine Learning & Deep Learning & Natural Language Processing

Data Visualization

AWS Cloud Platform

Git & GitHub

Advance Excel

PROJECTS

Rainfall Prediction

Self · January 2023 - February 2023

- Developed a rainfall prediction model using historical data and machine learning techniques to predict rainfall with 65% accuracy.
- Enhanced resource allocation efficiency, leading to a 15% increase in overall crop yield and cost savings.

CERTIFICATIONS

Ekeeda - Data Science

Proficient in Data Science with extensive training and hands-on experience in various projects. · 2023

INVOLVEMENT

President

College Hackathon · April 2021 - May 2022

- As President, successfully organized and managed a college hackathon, resulting in a 20% increase in attendance and raised overall event satisfaction.