MEET BHATT

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EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Computer Engineering with Minor in IoT

Year of Completion: 2026

CGPA: 9.57

- Relevant Coursework: Artificial Intelligence, Machine Learning, Database Management Systems, Design and Analysis of Algorithms, Microprocessor Programming, IoT, Digital Image Processing

Green Valley High School

Higher Secondary Education

2020 - 2022 Percentage: 93.4 GRE Score: 321 SAT Score: 1540

EMPLOYMENT

Blink Analytics

LLM Development Intern

Aug, 2024-present

- Developed and implemented reinforcement learning with human feedback (RLHF) to enhance AI model performance.
- Conducted Supervised Fine-Tuning on Large Language Models (LLMs) to improve task-specific accuracy and efficiency.
- Utilized AWS services (AWS S3, API Gateway, Lambda, Cloudwatch) to develop a WhatsApp chatbot and build data analysis-driven applications, gaining hands-on experience in cloud-based data engineering.

Astar Technologies

Lead Business and Data Analysis Intern

Dec 2023- Jan 2023

- Led the end-to-end analysis of customer sales data, ensuring data quality through extensive cleaning, preprocessing, and standardization.
- Uncovered actionable insights into customer behavior, product sales trends, and regional performance using advanced machine learning models like ARIMA, Random Forest, and XGBoost.
- Proposed tailored strategies to optimize marketing, improve payment success rates, and enhance logistics efficiency.

Seaweeds

Business and Data Analysis Intern

Apr, 2023- Aug, 2023

- $\bullet \ \ \text{Applied data analysis techniques to predict harmful algal blooms, enhancing environmental sustainability.}$
- \bullet Processed and cleansed large datasets for machine learning models to improve accuracy.

PROJECTS

Custom Drone Development

July 2024

- Designed and built a custom drone from scratch using a Teensy 4.0 microcontroller, BMP260 barometer, and MPU6050 gyroscope.
- Developed a fully functional flight controller in C, integrated custom PCB designs, and configured GEPRC 4500kW motors.
- Aimed to create a modular and rapidly manufacturable drone adaptable for various use cases.

WhatsApp Cloud API Chatbot with AWS

September 2024

• Implemented a WhatsApp chatbot using WhatsApp Cloud API to store conversations and media in AWS S3 via AWS Lambda and API Gateway.

 Automated the processing of user inputs, showcasing efficient integration of cloud services and real-time data management.

Arctic Penguin Exploration: Unraveling Clusters in the Icy Domain with K-means clustering April, 2024

- Led a K-means clustering analysis to classify penguin species based on morphological features such as culmen length, culmen depth, flipper length, body mass, and sex
- Successfully identified distinct clusters corresponding to Adelie, Chinstrap, and Gentoo penguins despite the absence of species labels
- Contributed to our understanding of Antarctic wildlife populations and aided conservation efforts by providing valuable insights into the morphological characteristics of penguin species

CERTIFICATES

Associate Data Scientist in Python - Datacamp

Apr, 2024

- Completed a comprehensive series of 22 courses, including Intermediate Python, Data Manipulation with Pandas, Data Visualization, Exploratory Data Analysis, Regression, and Hypothesis Testing, each serving as a crucial step towards becoming a data scientist.
- Gained expertise in supervised and unsupervised learning, linear classifiers, and deep learning using Python libraries such as scikit-learn and PyTorch. Demonstrated practical skills through hands-on projects in predictive modeling and clustering, validating proficiency in fundamental machine learning techniques and practical applications.

Artificial Intelligence Workshop at IIT Bombay - Techfest 2023

Dec, 2023

- Completed an intensive Artificial Intelligence Workshop at Techfest 2024, Asia's premier technical festival hosted at IIT Bombay.
- Acquired advanced skills in AI, including machine learning, NLP, and computer vision.

Professional Certificate on Applications of AI by IBM

Aug, 2023

- Completed a series of 6 courses, mastering key AI concepts and practical skills including building AI-powered chatbots, developing applications with Python and Flask, and utilizing Watson APIs.
- Gained comprehensive knowledge in AI application development and integration with industry-standard tools, enhancing expertise for opportunities in AI-driven fields.

https://coursera.org/verify/professional-cert/PF8CRKYJX2BF

EXTRACURRICULAR ACTIVITIES

Mind Ripple - The Quizzing Club of PDEU

President

2022-April, 2025

- Led a team of 30 in designing quizzes and managing the club's online presence, showcasing strong leadership and event management skills.
- Designed and hosted quizzes while managing social media to boost club engagement.

Interact Club of Baroda Sayajinagari

Charter President 2021-2022

- Led 32 members as Charter President in community service, focusing on education, healthcare, and essential aid distribution.
- Promoted empathy and volunteerism, making a positive impact on underprivileged communities.