

Param Dholakia

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Education

Gujarat Technological University

BE in Computer Science, CPGA: 8.26/10

College: HJD Institute of Technical Education and Research

Expected Year of Graduation: August 2026

Relevant Coursework: Data Science with Python, Data Structures and Algorithms, Operating Systems, Discrete Mathematics, Calculus

Technical Skills

Programming Languages: Python, Java, C, C++, C#, SQL, PL/SQL, JavaScript, HTML/CSS

Frameworks & Libraries: Flask, Spring Boot, Spring Hibernate, Spring web, React, Node.js, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, Keras, Scikit-learn,

Databases: MySQL, MongoDB, PostgreSQL

Tools: Git, Github, Tableau, Power BI

Projects

Exploratory Data Analysis on Student Performance

Technologies Used: Python, Pandas, Seaborn, Matplotlib

- Conducted exploratory data analysis on a dataset of student academic records to identify trends in grades, attendance, and parental education.
- Performed data cleaning, missing value imputation, and statistical analysis to derive meaningful insights.
- Visualized correlations using heatmaps, pairplots, and bar graphs to showcase factors affecting student outcomes.

Movie Genre Classification Using Text Data

Technologies Used: Python, Scikit-learn, NLTK

- Created a genre prediction model using plot summaries of movies as textual data input.
- Applied NLP preprocessing (tokenization, stopword removal, TF-IDF vectorization) to convert text into machine-readable format.
- Trained a Multinomial Naive Bayes classifier, achieving 78% accuracy in multi-label classification.

Work Experience

Supply Teacher | HJD Institute of Technical Education and Research | Kera, Kutch | Feb 2024 – Apr 2024

- Delivered comprehensive lessons on C++ programming and static web page design to first-year Diploma engineering students, covering both fundamental and advanced concepts.
- Conducted 20+ coding lectures for 30+ students, increasing class participation by 30% through hands-on exercises and real-world projects.
- Fostered critical thinking and problem-solving skills by guiding students through complex programming challenges, ensuring a strong foundation in software development.

Junior Teacher | PriyeshSir Vidhyapeeth | Gandhinagar, Gujarat | Aug 2023 – Present

- Taught 250+ engineering students Python, Python for Data Science, and Basic Electronics, achieving a 100% course completion rate.
- Designed and delivered an engaging curriculum featuring hands-on projects, improving students' practical application skills and theoretical understanding.
- Implemented innovative teaching methods, Provided mentorship and guidance during challenging times, contributing to student success through collaborative efforts.

Certifications

Oracle Certified Professional, Oracle Cloud Infrastructure: Gained expertise in key AI and cloud technologies, including: Large Language Models and Retrieval-Augmented Generation (RAG), Encoders, Decoders, and AI Generation Models, Building conversational chat models and fine-tuning for task-specific optimization, Oracle Generative AI services, vector databases, and AI memory management, Security best practices for OCI generative AI solutions.