Param Dholakia

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Education

Gujarat Technological University
BE in Computer Science, CPI: 8.07/10
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, GDScript
Frameworks & Libraries: Flask, Spring Boot, Spring Hibernate, Spring web, React, Node.js, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, Keras, Scikit-learn,
Databases: MySQL, MongoDB, OracleDB, PostgreSQL
Tools: Git, Github, Tableau, Power BI, Godot, Unity, Unreal Engine 5, Blender, Adobe Premiere Pro

Projects

GameOracle | Game Recommendation Engine
Technologies Used: Python, Flask, HTML, CSS, JavaScript
- Developed a game recommendation system that analyzes user preferences, gameplay styles, and ratings to provide tailored game recommendations.
- Built an interactive web interface using Flask (backend) and HTML/CSS/JavaScript (frontend), ensuring a clean and responsive design.
- Processed user data to improve recommendation accuracy, resulting in a user satisfaction rate of 95% based on initial feedback.

Plant Disease Prediction System
Technologies Used: Python, TensorFlow, Keras, Matplotlib
- Created a machine learning model that classifies plant diseases using image data, achieving 92% accuracy in identifying 10 different plant diseases.
- Leveraged Python for data processing and model training, enabling early detection and prevention of crop diseases.
- Reduced manual diagnosis time by 40%, providing a reliable solution for agricultural health monitoring.

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, leading to a 35% improvement in student exam scores and earning excellent feedback from students.
- 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.