Golu prajapati

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EDUCATION

Veer Bahadur Singh Purvanchal University, Jaunpur, UP, India BCA (Bachelor of Computer Application)

Veer Bahadur Singh Purvanchal University, Jaunpur, UP, India

MCA (Master of Computer Applications)

NIELIT - Varanasi, Uttar Pradesh

O-Levels

NIELIT Varanasi, Uttar Pradesh

PROJECTS

Personal Blogging Platform

Veer Bahadur Singh Purvanchal University

A dynamic blog application designed for a seamless content creation and reading experience.

- Built using React.js and Node.js, with RESTful APIs for post management.
- Integrated a secure backend with user authentication and data validation.
- Deployed on Vercel with optimised performance and responsive design.
- Features include post creation, editing, deletion, and real-time updates.

Health Tracker Web App

Veer Bahadur Singh Purvanchal University

A responsive and secure health tracking application built using modern web technologies.

- Developed backend logic for user authentication, data storage, and health metric calculations.
- Implemented frontend using React.js, with dynamic UI updates and form validations.
- Deployed on Vercel with custom domain integration and SEO optimisation.
- Ensured performance and security by resolving npm vulnerabilities and optimising dependencies.

College Library Management System

Jun 2025- Jun 2025 Jaunpur, Uttar Pradesh, India

Veer Bahadur Singh Purvanchal University

A GUI-based application developed in Python to manage college library operations, including book inventory, student records, and issue/return tracking.

- Built with Tkinter and Ttk for an interactive graphical user interface.
- Integrated MySQL.connector for real-time database connectivity and persistent data storage.
- Used the message box for user notifications and error handling.
- Implemented the datetime module for due date tracking and fine calculation logic.
- Features include book search, issue/return logs, student registration, and admin access control.
- Developed as an academic project under Veer Bahadur Singh Purvanchal University (VBSPU).

Quiz Game (Academic Project)

Veer Bahadur Singh Purvanchal University

Apr 2025- May 2025 Jaunpur, Uttar Pradesh, India

An interactive Python-based quiz application developed as part of an academic project to test users' knowledge across various categories.

- Built with Tkinter for the GUI and messagebox for user alerts and feedback.
- Used random selection for dynamic question selection, and CSV for question storage and retrieval.
- Integrated SOLite3 for lightweight local database management.
- Employed PIL (Image, ImageTk) for image-based questions and visual enhancement.
- Utilised os and sys for file handling and system-level operations.
- Features include score tracking, timed questions, category selection, and image-based quizzes.
- Developed under the academic curriculum at Veer Bahadur Singh Purvanchal University (VBSPU).

SKILL

Programming languages

Python, JavaScript, SQL, C, C++

Frameworks and Tools

Django, Flask, FastAPI, React

Dev Tools

Git, Google Cloud Platform, VS Code, Visual Studio, and \r\n, PyCharm, IntelliJ,

Python Libraries

Pandas, NumPy, pyttsx3, SpeechRecognition, cv2, os, webbrowser, sys, etc.

Databases

PostgreSQL, MongoDB, SQLite, DynamoDB

Jaunpur, Uttar Pradesh, India Aug. 2021 - May 2024

Jaunpur, Uttar Pradesh, India

Aug. 2024 - May 20xx

Jul 2024- Aug 2025

May 2025- Jun 2025

May. 2024

Nov. 2021

Jaunpur, Uttar Pradesh, India

Jaunpur, Uttar Pradesh, India