Ganesh Bhakar

Software Developer

Enthusiastic Computer Science student with a strong foundation in C++, Python. Skilled in problem-solving, algorithms, and collaborative project work. Passionate about applying technology to create efficient, user-friendly solutions. Seeking opportunities to grow as a software developer and contribute to innovative projects.

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V.P.O. Bangaon Tehsil&Dist
Fatehabad,Haryana, Fatehabad, India

EDUCATION

Matriculation - CBSE Board
Crescent Public School,Fatehabad
2020   *94.8*

10+2 - CBSE Board
Crescent Public School,Fatehabad
2022   *95.8*

Bachelor of Technology in Computer Science and Engineering
Jaypee Institute of Information Technology,Noida-62
2023 - Present   *7.5 CGPA*

PERSONAL PROJECTS

Terminal-Based Music Player (C++)
- Doubly Linked List: Smooth two-way track navigation
- Queue: Personalised playlists
- OOP: Maintainable design and structure
- Raylib Library: Interactive terminal

MiniGameZone – Basic Gaming Website
- HTML & CSS based design
- JavaScript for game logic and high-score tracking
- Featured games like Tic-Tac-Toe, Rock-Paper-Scissors, 2048, Flip Memory Card

Air Traffic Controller Simulation (C++)
- Airport & Flight Modelling: OOP for airports, terminals, gates, runways, and flights
- Smart Scheduling: Priority queue with greedy + Earliest Deadline First (EDF) algorithm
- Route Optimization: Floyd–Warshall algorithm for shortest path between airports
- Data Integration: File handling for airport network, details, and flight schedules

Turtle Crossing Game(Python)
- use of turtle module
- use of time mmodule to create diff levels

Pomodoro GUI App (python)
- image based app using tkinter
- automatically corrects time to show large and small breaks

Flash Card Game(Python)
- use of tkinter, pandas
- helps us to learn any language say french from english in form of cards

PONG and Snake Games(Python)
- turtle module ,oops and file handling

SKILLS

- Programming Languages: C++, Python, C
- Web Development: HTML5, CSS, Basic javascript
- Database:DBMS
- Core Concepts:Data Structures and Algorithms, OOPs

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

- Interior Decoration
- walk in Nature
- Exploring New Things