PIYUSH KUMAR

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SKILLS SUMMARY

- Technical Skills: Java , SQL , JDBC , GitHub , Git , DBMS, Data Structure and Algorithms , OOPS (Object Oriented Programming) , HTML , CSS, JavaScript, SDLC , Knowledge of Agile Development, debugging , Knowledge of AWS concepts ,Web Development , MySQL, Visual Studio Code , IntelliJ, Eclipse , Microsoft Office Suite (Excel, Word, PowerPoint ,Docs , Slides) , Windows (OS).

- Soft Skills: Leadership, Teamwork , Problem-solving , Analytical Thinking, Troubleshooting , Effective Communication (verbal and Written) , Documentation , Time Management & Organization , Attention to Detail, Critical Thinking, Adaptability & Continuous Learning, Flexibility.

EDUCATION

B.Tech in Information Technology – Haldia Institute of Technology, 2020 – 2024 | CGPA: 8.11
12th Grade (CBSE) – Patna Central School, Patna | 2019 | 75%
10th Grade (CBSE) – Patna Central School, Patna | 2017 | CGPA: 9.6

TRAININGS OR CERTIFICATIONS

- JAVA & SQL Training From MASAI SCHOOL - Certificate

- HackerRank JAVA Certification - Certificate

- Solved 200+ DSA questions on Leetcode

PROJECTS

Hotel Reservation System : **Clickable GitHub Link**
1) Developed a Java-based Hotel Reservation System with features including room reservation, viewing current reservations, updating details and deleting bookings, ensuring streamlined guest management.
2) Integrated MySQL database with JDBC for secure, scalable, and high-performance data management, enabling improved database query performance by 30% in the Hotel Reservation System.
3) Implemented modular and scalable design principles, emphasizing functionality such as dynamic data updates, error handling, and user-driven menu navigation to enhance the user experience.

Flappy Bird Game : **Clickable GitHub Link**
1) Developed a real-time interactive 2D game using Java Swing, employing object-oriented design principles and event-driven programming. Integrated dynamic rendering and functional testing, showcasing problem - solving and adaptability.
2) Utilized object-oriented programming principles, timers, key event handling, and image rendering for game mechanics like gravity, collision detection, and score tracking include dynamic pipe generation, real-time game loop, and game-over functionality with restart capability.

POSITION OF RESPONSIBILITY

Chairperson, NIRVAANA – Music Society, HIT Haldia (08/2023 - 06/2024)
- Led a 70-member team to organize many large-scale student-led band fest, featuring guest performances and setting a new milestone for the college.
- Spearheaded diverse musical events, fostering a vibrant and dynamic campus music culture

INTERESTS, HOBBIES

Singing   Workout   Playing Table Tennis   Travelling