SHREYA BHUWANIA

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EDUCATION

- **Vellore Institute of Technology**   2021 – 2025
  B.Tech - Computer Science and Engineering - **CGPA** - **8.49**
- **SKP Vidhya Vihar, Bihar (CBSE) Class XII - 95.6%**   Jun 2021
- **St. Joseph's School Bihar (ICSE) Class X - 94.4%**   Aug 2019

INTERNSHIP

Parkar Digital ⎋   **Jan 2025 – Present**
Java Backend Developer   *Pune, India*
- Developed backend systems, including a console-based Employee Management System (Java 8, JDBC, MySQL) with full CRUD operations and a Weather Forecast Web App (OpenWeather API) for real-time data display.
- Implemented efficient data management and API integration, ensuring data integrity and seamless data delivery to the frontend.
- Utilized Git/GitHub for version control and explored Azure Data Factory for data workflow automation.

PROJECTS

Employee Management System ⎋ | **Java, JDBC, MySQL**   **Jan 2025**
- Developed a Java 8 console application for employee record management, overcoming the challenges of creating a user-friendly and efficient data management system in a text-based environment
- Integrated file reading and database querying functionalities, improving search efficiency by 20%, by allowing users to search employee records directly from text files or the MySQL database.
- Engineered a robust backend for secure data storage and streamlined employee information management.

CPU Scheduler Simulator ⎋ | **OOPs, DSA, Java, Java Swing**   **Oct 2024**
- Designed an interactive Java Swing simulator providing a graphical interface for visualizing and comparing FCFS, SJF, Priority Scheduling, and Round Robin CPU scheduling algorithms.
- Enabled CRUD operations and visualized performance metrics, improving conceptual understanding by 40%.
- Leveraged abstraction and encapsulation to create a flexible and robust CPU scheduling simulator, shielding users from the complexities of the underlying algorithms.

Banking System ⎋ | **Java, JDBC, MySQL**   **April 2024**
- Engineered a banking management system aimed at reducing account management errors through the implementation of comprehensive CRUD functionalities for customer accounts.
- Enhanced user experience by implementing intuitive CRUD functionalities for user accounts, simplifying account creation, transaction management, and balance inquiries.

TECHNICAL SKILLS

Languages: JAVA, Python, C++, SQL
Databases & Cloud: MySQL, SSMS, AWS (EC2, S3)
Frameworks/Libraries: Java Swing, JDBC, HTML, CSS
Developer Tools: VS Code, Canva, Figma, Github, Eclipse, IntelliJ
Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms(DSA)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Cloud Computing certification, NPTEL

EXTRA CURRICULAR

- **Academic Excellence**: Awarded the **GVDSP Scholar Award** for four consecutive years (2021–2025) for consistent academic excellence.
- **Solved** over 100 algorithmic challenges on platforms such as Leetcode and Geeks for Geeks, enhancing proficiency in data structures and algorithms while developing efficient solutions to complex coding problems.
- **Event Coordination**: Organized and managed six major workshops for the Coding Blocks Club, driving a 200% increase in attendance from 50 to 150 participants within one semester.
- **Leadership**: Led the **Student Council** in organizing multiple school events, achieving a 35% increase in participation rates over the previous academic year.

HOBBIES & LANGUAGES

- Hobbies: Badminton, Dancing, Music, Cooking, Coding, Occult Science
- Languages: English, Hindi, Sanskrit (exploring due to interest in vedic science)