

RESUME

TANMAY SINGH PARIHAR

Contact Information

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Education

B.Tech in Information Technology 2021 - 2025

Babu Banarasi Das Institute of Technology and Management

12th Percentage: 82% (CBSE)

10th Percentage: 80% (CBSE)

Certifications

- Python Programming Certification by Infosys
- J.P. Morgan Software Engineering Virtual Experience Certificate
- Walmart USA Advanced Software Engineering Certificate
- Accenture North America Data Analytics and Visualization Certificate
- PwC Switzerland Power BI Job Simulation Certificate
- British Airways Data Science Job Simulation Certificate

Technical Skills

- **Programming Languages:** Python, HTML, CSS, JavaScript
- **Web Framework:** Django, Bootstrap, Material UI
- **Data Structures:** Min-Heap, Stack, Queue
- **Tools:** Power BI, Git, Visual Studio Code, Linux
- **Libraries:** React, NumPy, Pandas, Matplotlib

Projects

- **Django-React Full Stack Application :** Developed a full-stack web application using Django for the backend and React for the frontend, integrating a REST API to handle CRUD operations seamlessly. The project features a responsive user interface designed with Material UI, enabling dynamic data interaction between the frontend and backend. The application is built on a SQLite database, ensuring smooth data management and retrieval.
- **Task Manager:** Command-line application for managing tasks by priority using a min-heap data structure.
- **QR Code Generator:** Two versions (command-line and GUI) for generating QR codes from user input.
- **Num Guesser:** A number guessing game implemented in both command-line and GUI versions, enhancing user engagement through interactive gameplay.
- **Rock, Paper, Scissors Game:** Implemented command-line and GUI versions of this classic game.

Virtual Job Simulations

J.P. Morgan Software Engineering Virtual Experience

- Set up local development environments and resolved repository issues.
- Utilized open-source libraries to create visual data representations.

Walmart USA Advanced Software Engineering Program

- Developed a custom heap data structure in Java.
- Created UML diagrams and entity relationship models for database design.

Accenture North America Data Analytics and Visualization

- Cleaned and analyzed datasets for strategic insights.
- Presented findings through PowerPoint and video communications.

British Airways Data Science Job Simulation

- Analyzed customer review data and built a predictive model.
- Applied data scraping techniques to uncover customer insights.

PwC Switzerland Power BI Job Simulation

- Enhanced Power BI skills for effective data visualization.
- Developed dashboards showcasing KPIs to meet client needs.
- Communicated insights and suggestions based on analytical findings

Soft Skills

- Strong Communication
- Analytical Problem Solving
- Team Collaboration
- Time Management
- Adaptability