# DIKSHA PANDEY

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## EDUCATION

**Gyan Ganga Institute of Technology & Sciences, Jabalpur** — *August 2021 - May 2025*
Bachelor of Technology in Computer Science and Engineering

**Army Public School JAK RRC, Jabalpur** — *April 2020 - March 2021*
Class XII — **85.6%**

**Army Public School JAK RRC, Jabalpur** — *April 2018 - March 2019*
Class X — **89.2%**

## TECHNICAL SKILLS / COURSEWORKS

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|---|---|
| **Coursework** | Data Structures and Algorithms, DBMS, Object-Oriented Programming, Computer Networks |
| **Languages** | C++, Python, HTML/CSS |
| **Databases** | MySQL |

## ACHIEVEMENTS

**LeetCode:** Knight Badge holder (top ~6% globally), maximum rating 1948; best rank 511 out of 28,000+ participants in Weekly Contest 452.
**CodeChef:** 3-star coder with maximum rating 1728; secured rank 45 out of 30,000+ participants in Div 3 Starters 165.
**Codeforces:** Achieved a Pupil rating on Codeforces with a maximum rating of 1341
**Smart India Hackathon:** Cleared internal selection round; selected among top 15 teams in institute.

## PROJECTS

**Quiz Management System** — *Python, MySQL*
Developed a GUI-based application using Tkinter with secure sign-in/sign-up functionality.
Integrated score history tracking for the last two attempts, improving progress visibility.
Implemented randomized question shuffling across 100+ stored questions to ensure unique and engaging quiz sessions.

**Exploratory Data Analysis Projects** — *Python, Pandas, NumPy, Matplotlib, Seaborn*
Performed EDA on 4+ datasets (HR, sales, travel, recruitment) with 10k+ records each to clean, pre-process, and analyze data for insights.
Identified attrition drivers, sales patterns, and regional performance trends using grouping and aggregation techniques.
Created 15+ visualizations (heatmaps, box plots, bar charts) to effectively communicate findings.

**CPInsights – Competitive Programming Dashboard** — *Django, JavaScript, Tailwind CSS*
Developed a web application fetching and displaying coding statistics from LeetCode and Codeforces using APIs and web scraping, serving 50+ demo users.
Integrated features to show current rating, maximum rating, and total contests participated.
Designed a responsive UI with Tailwind CSS, improving accessibility.

## CERTIFICATIONS

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| Programming Essentials in C++ | *Cisco NetAcad* |
| Programming Essentials in Python | *Cisco NetAcad* |
| CCNAv7: Introduction to Networks | *Cisco NetAcad* |