

MUDRIKA SHARMA

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[GeeksforGeeks Profile](#)

Jawahar Nagar, Jaipur

Education

Vellore Institute of Technology, Bhopal

2019 – 2023

B.Tech - Computer Science and Engineering - CGPA - 8.09

Bhopal, Madhya Pradesh

Coursework / Skills

DSA	Deep learning
Operating Systems	Problem solving
Data Analytics	Large language models
Machine learning	Stakeholder management
Product management	DBMS, Big data

Projects

Banking System | Oops and DSA

2024

- Application to provide banking solution to Banks to manage customer accounts
- Accounts can be created and managed. Implemented many function related to banking system
- Operations like deposit and withdrawal can be performed in the account

N Queens Visualizer | React, JavaScript, CSS, HTML, Visualization, chess-queens, Data-Structure

2023

- The n-queens puzzle is the problem of placing N queens on an N x N chessboard such that no two queens attack each other
- Given an integer N(user input), we will show all distinct solutions to the N-queens puzzle
- This algorithm is designed using recursion and Backtracking

iCoder Programming Quiz | HTML, CSS, PHP, MySql, SQL, Xampp

2022

- Develop the website in which Programming Problems are there, with easy, medium, and Hard level
- After completion of quiz user can see their score, and also see what they did correct/wrong

Street dogs detection and management AI

- Developed a web page using YOLOv7 to detect and manage street dogs
- Enabled users to upload images for dog detection and provided geolocation services for mapping sightings globally
- Contributed to the well being of communities by addressing issues related to street dog populations

Technical Skills

- **Languages:** C++, Java, JavaScript, SQL, Python
- **Technologies/Frameworks:** HTML5, CSS3, React, MongoDB, Express, JavaScript, NodeJS, Bootstrap, Machine learning, Deep learning, Computer Vision, Large language models, Big data, Data Science
- **Developer Tools:** VS Code, PyCharm, IntelliJ

Coding Platform

- Solved **250+** Problems across **geeksforgeeks**

Certifications

- AWS Certified Cloud foundations, AWS
- AWS academy graduate - AWS academy cloud Architecting
- Accenture Data analytics and visualization Job simulation
- Google, Ask questions to make Data driven decisions
- Python with advanced AI, Skill India
- Product management, Great learning

Extracurricular

- Taught basic C++/DSA in offline Mode. 05-2023 – 12-2023
- Manager - Mess committee (2024)
- Participant - Basketball intramural (Aug 2022)
- Interest in Grow Platform, knowledge in investment
- Dance Club Coordinator