

AMAN BABU

Uttam Nagar, Delhi

☎ +91-6396267480

✉ 2019017@iiitdmj.ac.in

🌐 [Linkedin](#)

🐙 [Github](#)

🏆 [Codeforces](#)

🔗 [LeetCode](#)

🔗 [GeeksforGeeks](#)

EDUCATION

PDPM, Indian Institute of Information Technology, Jabalpur

2019 – 2023

B.Tech - Computer Science and Engineering - CGPA - 7.9

Jabalpur, Madhya Pradesh

COURSEWORK / SKILLS

- DSA
- Operating Systems
- Oops Concepts
- Computer Networks
- System Design
- Cloud Computing
- Software Engineering
- DBMS

PROJECTS

Interview Creation Portal 🔗 | [Django](#), [Python](#), [Database - sqlite3\(development\)](#), [IDE - VS Code](#) **2022**

- An interview page where the admin can create an interview by selecting participants, start and end time.
- An interviews list page where admin can see all the upcoming interviews.
- An interview edit page where admin can edit the created interview with the same validations as on the creation page.

Banking System 🔗 | [Oops](#) and [DSA](#)

2022

- 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 🔗 | [JavaScript](#), [CSS](#), [HTML](#), [Visualisation](#), [chess-queens](#), [Data-Structure](#)

2021

- 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.

Counselling Cell - Fusion IIIT 🔗 | [HTML](#), [CSS](#), [Django](#), [PostgreSQL](#)

2021-22

- Develop the **front-end** of Counselling Cell module in Fusion IIIT.
- Module Consists of 4-5 different types of users with different functionalities.
- Added **10-12 new features** like organize the user interface of the Module's **Home Page**
- Handle the database and integrated the module with other existing modules.

iCoder Programming Quiz 🔗 | [HTML](#), [CSS](#), [PHP](#), [MySQL](#), [SQL](#), [Xampp](#)

2020

- 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 he did correct/wrong.

TECHNICAL SKILLS

Languages: C++, C, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, Django, MongoDB, Express, React, NodeJS, Bootstrap

Developer Tools: VS Code, PyCharm, IntelliJ, Canva

CODING PLATFORMS

- Solved **650+** Problems on **Leetcode**. 🔗
- Solved **500+** Problems across **GeeksforGeeks** and **InterviewBit**. 🔗
- Codeforces Max Rating **1391** 🔗

CERTIFICATIONS

- Mastering Data Structure and Algorithms - Udemy
- C++ - Udemy
- Dynamic Programming - Udemy
- Graph data structure for CP - Udemy

EXTRACURRICULAR

- Taught basic C++/DSA in offline Mode. 05-2021 – 12-2021
- NSS Member from 2019 to till now