

# AMAN BABU

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🌐 [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
- Cloud Computing
- Software Engineering
- DBMS

## EXPERIENCE

**Intern at Samsung SDS** [↗](#)

March 2023 - June 2023

*Role - Software Developer*

*Gurugram, Haryana*

- Learned and Implemented **Advanced Data Structure and Algorithms, Graph, Segment Tree, DP.**
- Working on various projects using various coding methodologies.
- Develop a User-friendly question and answer platform with essential features.
- Implemented user authentication, search functionality, and a voting system for ranking answers.
- Handle the Database and created a responsive front-end using **HTML, CSS and JavaScript.**

## PROJECTS

**JWT Authentication** [↗](#) | [Java](#), [Spring Boot](#), [Spring Security](#), [JWT](#), [JPA](#), [PostgreSQL/MySQL](#) 2023 - 24

- Implemented User registration, login, role-based authorization
- JWT-based authentication with refresh token support
- Secure RESTful APIs using Spring Security
- JWT Structure: Header (token type signing algorithm), Payload (user claims), Signature (verifies integrity)
- Database integration with PostgreSQL/MySQL

**Interview Creation Portal** [↗](#) | [React](#), [JavaScript](#), [Database - sqlite3\(development\)](#), [IDE - VS Code](#) 2022

- An interview page where the admin can create an interview by selecting participants, start and end time.
- Implemented 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.

**Counselling Cell - Fusion IIIT** [↗](#) | [HTML](#), [CSS](#), [React](#), [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.

## TECHNICAL SKILLS

**Languages:** Java, C++, JavaScript, SQL

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

**Developer Tools:** VS Code, PyCharm, IntelliJ, Canva

## CODING PLATFORMS

- Solved **1200+** Problems on **Leetcode**. [↗](#)
- Solved **500+** Problems across **GeeksforGeeks** and **InterviewBit**. [↗](#)
- Pupil on Codeforces Max Rating **1348** [↗](#)

## CERTIFICATIONS

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

## EXTRACURRICULAR

- Taught basic C++/DSA in offline Mode. 05-2021 – 12-2021
- NSS Member from 2019 to 2022