KRISHNARAJ R

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EDUCATION

PDPM, Indian Institute of Information Technology, Jabalpur	**2019 − 2023**
*B.Tech - Computer Science and Engineering - **CGPA** - **7.9***	*Jabalpur, Madhya Pradesh*

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, Bootstrap
Developer Tools: VS Code, PyCharm, IntelliJ, Canva

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.

CERTIFICATIONS

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

TECHNICAL SKILLS

CODING PLATFORMS

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

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- Mastering Data Structure and Algorithms - Udemy
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EXTRACURRICULAR

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