

Aayush Joshi

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EDUCATION

Mahakal Institute of Technology

B-Tech: Computer Science and Engineering (8.41 CGPA)

Ujjain, Madhya Pradesh

Graduation Date: Jun 2024

Ryan International School, Ghaziabad

12th PCM CBSE : 92.4%

Ghaziabad, Delhi NCR

Graduation Date: Apr 2020

Ryan International School, Ghaziabad

10th CBSE : 82.4%

Ghaziabad, Delhi NCR

Graduation Date: Apr 2018

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript.

Databases: MySQL/ SQL lite, Redis Cloud.

Cloud Services: Google Cloud Platform.

Frameworks: React JS, Electron JS, Next JS.

Proficiency In: Data Analytics (**Power BI, Tableau**), Data Structure and Algorithms, DBMS, Operating Systems and Computer Networks.

WORK EXPERIENCE

Webyaan

Project Intern

Indore, Madhya Pradesh

Jul 2023 - Aug 2023

- Development of Desktop application for data transformation using **ReactJS** and **ElectronJS**.
- Working on the the project topic '**Data Mining in Healthcare**'.

Solid State Physics Laboratory, DRDO

Project Intern

New Delhi, Delhi NCR

Sep 2022 - Oct 2022

- Developed **ENDECRY**, a file Encryption and Decryption application using Java.
- Acquired expertise in Cryptography and Hashing Algorithms through dedicated learning and effectively implemented them in the project.

PROJECT EXPERIENCE

Personal Project

[Chess with AI Bot](#)

Ujjain, Madhya Pradesh

Jul 2023 - Present

- **Chess AI Development:** Developing a Java Chess project with an AI bot using the Minimax algorithm.
- **User-Friendly Customization:** Implementing AI difficulty settings, Swing UI, and Two Player Functionality using JSP.

Major Project (Mahakal Institute of Technology)

Web 3.0 Ecosystem

Ujjain, Madhya Pradesh

Jul 2023 - Present

- Developing a **Custom Blockchain** for the **Web 3.0 ecosystem**, enhancing the security and transparency of transactions.
- Implementing **APIs** to exchange to enable buying and selling through the **Discord bot, Desktop, and Web Application**.

TEDxMIT Ujjain

[Official Website of TEDxMIT Ujjain](#)

Ujjain, Madhya Pradesh

May 2023 - Jul 2023

- Developed and implemented responsive web applications using **HTML, CSS, and JavaScript**, using the **ReactJS** framework.
- Contributed significantly to enhancing **UI/UX** design and configuring **DNS** for seamless website deployment.

Solid State Physics Laboratory, DRDO

[ENDECRY](#)

New Delhi, Delhi NCR

Sep 2022 - Oct 2022

- Developed a cross-platform, multi-format file **Encryption and Decryption Application** in Java, utilizing **AES** and **SHA-512** algorithms.
- Created an intuitive **Java Swing UI** and wrapped the JAR file with **Launch4j** for native Windows executability and user experience.

LEADERSHIP EXPERIENCE

Google Developers Students Club: *Cloud Computing and DevOps Lead* (2023) and *Machine Learning and Cloud Computing Lead* (2022).

TEDxMIT Ujjain: **Organized and Led the First ever TEDx of Ujjain** while hosting many known personalities as TEDx Speaker.

Students Council: *Literary Secretary* (2023-2024), *Literary Joint Secretary* (2022 - 2023) and *Class Representative* (2020 - 2022)

Institution's Innovation Council: *Innovation Activity Coordinator*, where we volunteered to organize Young Entrepreneur Summit 2022