

Rohit Dhanotia

Roll No.:210001059

B.Tech - Computer Science and Engineering

Indian Institute Of Technology Indore

EDUCATION

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github.com/TechBot505

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	8.15	2021-Present
Senior Secondary	MP Board	95.2%	2021
Secondary	CBSE Board	95.2%	2019

EXPERIENCE

- **Amazon**  May 2024 - July 2024
Software Development Intern Hyderabad (HYD-13)
 - Designed and implemented a robust **permission-based access control system** for sensitive data within Gravis using **Java Spring, Angular** and **Authorizers**. This implementation not only enhanced data security but also contributed to a substantial reduction in returns loss by preventing unauthorized access and potential misuse of data.
 - Implemented comprehensive monitoring for Gravis (Internal Tool) by adding **latency, request count, and exception count metrics** and developed a robust **Dashboard** to visualize these metrics, enabling teams to easily analyze the tool's performance.
 - Significantly enhanced the user experience by improving the Gravis UI using **Angular (TS)** and **Java Web MVC**

PROJECTS

- **Modern Video Conferencing Website: Converse** March 2024 - April 2024
Project under Developer Students Club, IIT Indore Github 
 - Led the development of a **Dockerized** real-time video conferencing application featuring advanced functionalities such as meeting scheduling, previous meetings, screen sharing and meeting recording.
 - The user interface is built using **Next(Ts)** and Tailwind, ShadCn, **ClerkAuth** API for authentication and **Stream's SDK** for audio and video features.
- **Online Gaming Website : Control-X** June 2022 - July 2022
IITISoC'22 Github 
 - Developed a dynamic online gaming platform using **EJS, Bootstrap, Node.js, Express.js** and **MongoDB**, featuring 4 multiplayer games with leaderboards, game history, and user profiles showcasing comprehensive gaming history.
 - Implemented **real-time** bi-directional communication using **Socket.io** to manage game rooms and interactions between clients and the server.
- **University Enagagement Platform: TruConnect** October 2023 - December 2023
Inter IIT Tech Meet 2023 Github 
 - Implemented **AI solutions** for upskilling student and client's capabilities: AI PRD Generation, AI Workflow Generation, AI Chat Assistant using **MetaGpt, Langchain** and Python.
 - Developed a robust user interface with **Next.js** and **Tailwind CSS**, featuring a feed section for project updates and connection news using the **LinkedIn API**.

TECHNICAL SKILLS

- **Programming:** C++, JavaScript, TypeScript, Python, Java
- **Domains:** Data Structures and Algorithms, Web Developement, App Developement, Machine Learning
- **Tools/Frameworks:** Angular, React, Next, NodeJs, ExpressJs, Docker, React-Native, Java Spring, Java Web MVC, AWS, Google Cloud Platform, Git, Github, Firebase, Framer-Motion, Scikit-Learn*, Tensorflow*
- **Database:** MongoDB, MySQL, Pinecone, ChromaDb * Elementary proficiency

KEY COURSES TAKEN

- **Computer Science:** Software Engineering, Operating Systems, Computer Networks, Computer Programming, Compiler Techniques, Computer Architecture, Parallel Computing, Data Base and Information Systems, Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Graphics and Visualization

POSITIONS OF RESPONSIBILITY

- **GDSC Lead**, Google Developer Students Club, IIT Indore July 2023 - July 2024
- **Core Member**, Google Developer Students Club, IIT Indore March 2022 - June 2023
- **Club Volunteer**, The Programming Club, IIT Indore May. 2022 - Feb. 2023
- **Campus Facilitator**, Google Cloud Career Practitioners, IIT Indore Dec. 2022 - Jan. 2023
- **Web Team Member**, TED-x'23, IIT Indore Jan. 2023 - Mar. 2023

ACHIEVEMENTS

- **Gold Medal** , IITISoC'22 Web Developement Domain, IIT Indore 2022
- **3rd Position** , Enosium Hackathon, IIT Indore 2022
- **Solved 600+ DSA Problems on Leetcode**  **and InterviewBit**, (Combined) 2023
- **14 Skill Badges** , Cloud Learning Path, Skill Boost Platform 2022
- **AIR: 505**, JEE Advanced 2021