

# MOHIT

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## EDUCATION

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| <b>B.Tech in Computer Science Engineering</b> , IIIT Delhi (CGPA: 7.32)     | 2020 - 2024 |
| <b>Class 12th</b> , Kendriya Vidyalaya Sec-8 Rohini, Delhi (Percentage: 86) | 2018 - 2019 |
| <b>Class 10th</b> , Kendriya Vidyalaya Sec-8 Rohini, Delhi (CGPA: 10)       | 2016 - 2017 |

## SKILLS

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**Expertise Area:** Full Stack Web Dev, Machine Learning, Android Dev, DSA, OOPS, DBMS, Cryptography

**Tools Technologies:** C++, C, Python, Java, JavaScript, ReactJS, Scikit-Learn, FastAPI, Django, Android Studio, MongoDB, MySQL, Docker, Git, GitHub, Burpsuite, Scene Builder

## EXPERIENCE

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**SDE Intern — Jio Platforms Limited (Gurugram, Haryana)** May 2023–July 2023  
[SDE Intern](#) in the "COE Analytics" team at JIO.

- Contributed to the development of JPW 2.0, a critical upgrade used by 40-50 percent of JIO corporate workers. Worked on UI/UX enhancements and bug fixes.
- Developed dynamic UI with Reactflow and React.js, enhancing workflow efficiency and user experience.
- Collaborated with the backend team, which used FastAPI for backend functionality, integrating directed acyclic graphs for efficient airflow job assignment.

## PROJECTS

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- [Annual Insight \(FastAPI, React.js, MongoDB\)](#)** Sep 2023 - Dec 2023  
Advisor: Dr. Pushpendra Singh  
Annual Insight is a research paper management system for professors. It allows manual or BibTeX entry of research paper details with backend processing. Users can search and filter papers by co-author, year, and date. MongoDB is integrated for efficient database management.
- [Attend Pal \(Android Studio, Java, Firebase\)](#)** Feb 2023 - May 2023  
Advisor: Dr. Arun Balaji Buduru  
Engineered Attend-Pal, an automated attendance app with wifi localization and biometric scan. It achieved 78 percent accuracy in a 300-student lecture hall with 8 routers. Implemented Google authentication for seamless login/signup and developed an intuitive user interface for easy course enrollment and attendance tracking.
- [Medicure Services \(Django, Bootstrap, RSA\)](#)** Sep 2022 - Dec 2022  
Advisor: Dr. Arun Balaji Buduru  
Engineered Medicure, a robust patient data management system using Django, Bootstrap, and RSA encryption. It implemented secure document transfer and verification for medicines using a digital signature method. Advanced security measures i.e, preventing DOS/DDOS attacks, SQL/XSS injections, and CSRF attacks.
- [Alien Invasion \(JavaFX\)](#)** Jan 2022 - Feb 2022  
A tower-defense and strategy-type video game developed using JavaFX and Scene Builder.

## ACHIEVEMENTS

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- Expert Touch Typist: Averaged 75-80 words per minute.
- [Peak rating of 3 Stars at 'CodeChef'](#)**.
- CBSE Merit: Aced all subjects with Grade 'A1' in class 10.

## INTERESTS

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Web and Mobile development, Cricket, Light Novels