

# MOHSIN ALI

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## Summary

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I am Mohsin Ali, a dedicated Information Science and Engineering student with a strong foundation in programming languages like Java, C, C++, and Python. My passion for learning is demonstrated through several completed courses and my active engagement in academic projects, particularly in AI and machine learning. I am eager to apply my skills to solve real-world challenges

## Skills

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**Programming & Querying:** SQL, MongoDB, Python, Java, C

**Data Visualization Tools:** Power BI, Tableau

**Analytical Abilities:** Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

## Experience

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### Android App Developer Intern

Feb 2026 - Present

*MindMatrix (Hybrid)*

*Tools Used: Google Cloud*

- Build and ship Android features in Java with Android Studio, using MVVM and Material Design for a clean, consistent experience.
- Connect the app to REST APIs with Retrofit and JSON, and keep it fast offline with Room caching.
- Use Firebase (Auth, Firestore, Crashlytics) for seamless sign-in, reliable sync, and crash tracking.
- Write unit and UI tests (JUnit, Espresso), streamline Gradle builds, and collaborate through Git/GitHub PRs.
- Tune performance and UX with responsive layouts, lean networking, and memory profiling.

## Projects

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### Book Recommendation System | *Python*

Jan 2025 – Mar 2025

- Trained a recommendation model using Scikit-learn and Scipy for data processing. Utilized Collaborative Filtering to suggest personalized book recommendations. Developed an interactive interface with Streamlit to generate real-time book suggestions. Used K-Nearest Neighbors (KNN) Algorithm.

### Hospital Appointment Scheduling Chatbot | *Botpress*

Apr 2025 – May 2025

- Created a hospital appointment chatbot using Botpress to help users book specialist appointments via a simple conversational interface, with built-in validation and efficient scheduling flows.

### Door Security System (IOT)

Apr 2025

- Door security system where the automated message is send to the user's mobile phone to notify that the door is open.

### Fake News Classifier| *Python*

Sept 2025 – Nov 2025

- A Flask-based Fake News Detection Web Application that classifies news articles as REAL or FAKE using a Machine Learning model.The system supports both manual text input and live news fetching using NewsAPI, providing predictions along with confidence scores.

## Certifications

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- Google AI Essentials – Coursera (2024)
- Foundations of Cybersecurity – Coursera (2024)
- Tools of the Trade : Linux and SQL – Coursera (2024)
- Artificial Intelligence Search Methods For Problem Solving, IIT Madras (2025)

## Education

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**B.E in Information Science and Engineering**

*JSSATE Bangalore*

**Perceiving**

*Current CGPA: 8.02 / 10*

**B.E Honours**

*VTU*

**Perceiving**

**XII (State Board)**

*JKBOSE*

**2021**

*86%*

**X (State Board)**

*JKBOSE*

**2019**

*87%*