

# Mohammad Wassaf Ali

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## EDUCATION

**Aligarh Muslim University**

2021-2025

*B.Tech Computer Engineering*

*Current GPA: 3.2/4*

## RELEVANT COURSES

Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Database Management Systems, Machine Learning, Artificial Intelligence, Security Principles

## EXPERIENCE

**NULL-Security** | *Front-End Intern*

2023

Created and optimized interactive user interfaces for an ed-tech platform using VueJS and Vuetify, enhancing user experience and accessibility.

**Zakir Husain College Of Engineering and Technology** | *Researcher, Electronics Department*

2024

Conducted research on the estimation of breath rate using radar and machine learning techniques. Developed algorithms to process radar signals and accurately determine breath rate, contributing to advancements in non-invasive health monitoring.

**Chegg Inc.** | *Computer Science Expert*

2023 – Present

Solved problems and cleared doubts of others in Computer Science

## SKILLS

**Languages:** C/C++, Python, JavaScript/TypeScript, HTML, CSS, SQL

**Libraries/Frameworks and Databases:** ReactJS, AngularJS, , MySQL

**Tools:** Git/GitHub, Unix Shell, Google Suite, Amazon Web Services

## PROJECTS

Personal Portfolio | *ReactJS, Git*

- Developed a website to showcase my projects and courses.

Simple Chat Application | *Python, Networking*

- Client-Server Architecture: Implemented real-time chat using Python sockets.
- Concurrent Connections: Managed multiple clients with multi-threading.
- User Interface: Designed a simple interface for message exchange.

Image Classifier to identify flower breeds | *Numpy, Pandas, Matplotlib, Pytorch*

- Command Line Image Classifier
- Utilized data augmentation, efficient data loaders, and transfer learning to enhance model performance.

CogniBrowse | *Kotlin, XML, OpenAI API, Git, Unix Shell*

- Built on top of native libraries and kotlin.
- Developed an android web-browser with basic features and search using Google Engine
- Learned how to use Kotlin in conjunction with backend databases and APIs

DoIt - Manage your work | *AngularJS, Bootstrap, Typescript, Git, MySQL, NodeJS*

- A todo list app with multiple features to segregate tasks and complete them.

## AWARDS

**AI and ML Scholar Award by AWS & Intel**

2023

*Awarded for excellence in Artificial Intelligence and Machine Learning*