

MOHD SAQIB KHAN

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Developer

EDUCATION

Senior Secondary Education

Amity International School , Lucknow

[2019-2021]

PHYSICS , CHEMISTRY AND MATHEMATICS
WITH COMPUTER SCIENCE

BACHELOR'S DEGREE

GREATER NOIDA INSTITUTE OF

TECHNOLOGY [2022-2026]

B.TECH, Computer Science and Engineering

TECHNICAL SKILLS

- **Languages** : C++ , Python ,
JavaScript (ES6+), HTML/CSS
- **Library** : React.js
- **Database** : MYSQL
- **Version control**: Git
- **Tools** : GitHub, VS Code
- **Cloud Platform** : AWS [EC2 , S3 ,CI/CD ,
RDS , AWS Lambda]

RELEVANT COURSEWORK

- **Operating Systems**
- **Database Management**
- **Computer Architecture**
- **Data Structure and Algorithms**

CERTIFICATIONS

- **Ultimate AWS Developer Associate[DVA-CO2]** :
Provided by Udemy , taught by Stephane Maarek
- **Build a Business Architecture using AWS** :
Provided by Coursera
- **30 Days Google Cloud** : Provided by GDSC(Google
Cloud)

ACTIVITIES

- **Filmography** : Secured 2nd position in Short Film
Competition.
- **Hackathon**: Participated in International
Hackathons through Devpost , Devfolio
- **SWOC and GSSC**: Merged 5+ PR's

ABOUT

Dedicated and proactive Computer Science student with hands-on experience in full-stack web development through academic projects and self-driven learning. Proficient in JavaScript, React, and Python, with a passion for building intuitive and scalable applications. I have built a solid foundation in programming, data structures and algorithms. Eager to contribute fresh ideas and grow as a developer in a fast-paced environment.

PROJECTS

- **AI-powered writing Assistant** - Wordsmith is an AI-powered writing assistant that offers: Spelling Correction: Fixes typos and errors to ensure clean and professional text.
[Python , HTML , CSS , JavaScript]
- **Note-taking web App** - A simple note-taking application with a GUI built using Python and Tkinter, with MySQL as the database for user and note management. This application allows users to register, login, reset passwords, add, edit, and delete notes.
- **To-do-list** - Add new tasks with title, description, due date, priority, and tags , tasks are displayed dynamically in the UI , Mark tasks as completed . [HTML , CSS , JavaScript]

RESEARCH EXPERIENCE

- **Student Management System** - The study focused on analyzing existing challenges in manual student data management systems and proposed a web-based Student Management System to address these issues by enhancing data reliability, streamlining administrative tasks, and supporting timely tracking of academic progress. [2023-24]
- **Hand Sign Detection System** - Designed a hand sign detection system using Computer Vision (YOLO) and TensorFlow to recognize static hand gestures from live video input. The project focused on improving gesture classification accuracy and response time for use in assistive communication technologies. [2024-25]
- **AI-Powered Disease Diagnosis & Surveillance System for Livestock** - Investigating the use of AI and sensor-based data (temperature, motion, and behavior patterns) to develop an early disease detection system for livestock, with a focus on identifying Foot and Mouth Disease (FMD) at early stages. The research aims to address the challenge of limited disease monitoring in small-scale farming, helping farmers detect illness faster, reduce economic losses, and improve animal health outcomes through automated surveillance.
2025-26 [In Progress]