

MOHD SAQIB KHAN

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Developer

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<https://github.com/Saqib7khan>



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]