

# Mohd saqib khan

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[Portfolio](#) | [Github](#)

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## PROFESSIONAL SUMMARY

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, TypeScript, React, and PostgreSQL, with a passion for building intuitive and scalable applications. Eager to contribute fresh ideas and grow as a developer in a fast-paced environment.

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## TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python
  - **Frontend:** React, Next.js, Tailwind CSS
  - **Backend:** Node.js
  - **Databases:** PostgreSQL, MongoDB
  - **Infra & Tools:** Git , GitHub , AWS [ EC2 , S3]
  - **Core Skills:** SaaS Architecture, REST APIs, DB Schema Design
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## PROJECTS

- **Wordsmith** - AI-powered writing assistant [Github](#)  
Writing Assistant that offers- Spelling Correction , Fixes typos and errors to ensure clean and professional text.  
[Python , HTML , CSS , JavaScript]
  - **Portfolio** - [Live](#)  
Built and deployed a production-grade, SEO-optimized personal portfolio using Next.js + TypeScript with Tailwind CSS , Framer Motion animations, Lenis smooth scrolling, and a Nodemailer contact API - content driven from a central data layer
  - **Note-taking web App** - [Github](#)  
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.
  - **ResMind** – Agentic AI Resume Architect [Live](#)  
[Next.js 15, Supabase, TypeScript, OpenAI API, React-PDF]  
Architected a full-stack agentic application that utilizes LLMs to autonomously rewrite and reformat user resumes based on specific job descriptions.  
Engineered a real-time Generative UI with a split-screen editor, integrating @react-pdf/renderer to convert structured AI-structured JSON into downloadable, perfectly formatted PDFs.  
Implemented secure Role-Based Access Control (RBAC) and Row Level Security (RLS) via Supabase Auth and PostgreSQL, ensuring strict data isolation for multi-tenant usage.
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## RESEARCH EXPERIENCE

- **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.

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## EDUCATION

**Senior Secondary Education**

[2019-2021]

**Amity International School , Lucknow**

PHYSICS , CHEMISTRY AND MATHEMATICS

WITH COMPUTER SCIENCE

**BACHELOR'S DEGREE**

[2022-2026]

**GREATER NOIDA INSTITUTE OF TECHNOLOGY**

B.TECH, Computer Science and Engineering