

Mohd saqib khan

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

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.

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.

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