MUHAMMAD SABIH-UD-DIN KHAN

P: +92 313 7860001 | mailmsabih@gmail.com | LinkedIn: sabih-khan | Location: Lahore (willing to relocate)

EDUCATION

Bachelors in Computer Science   **Aug 2023 - May 2027**
- **National University of Computer and Emerging Sciences**

CGPA: (3.31/4.00) - 4th Semester

FSc - Inter Government College University Lahore (GCU)   **2021 - 2023**

Marks: (946/1100) - 86%

Matric - American Lycetuff   **2019 - 2021**

Marks: (1096/1100) - 99%

PROFESSIONAL & LEADERSHIP EXPERIENCE

Co-Founder & Ideathon Presenter – StyleSync (FAST Business Club)   **Feb 2025 - Mar 2025**
- Ideated and pitched StyleSync, an AI-powered sustainable fashion app, leading concept development, feature design (smart styling, upcycling, virtual wardrobe), and market research to deliver a compelling business pitch focused on tech-enabled fashion solutions.

Junior Member – *Google Developer Student Club*   **Sep 2023 - June 2024**
- Attended sessions focused on startup case studies, product discussions, and peer presentations.

Head of Information – *IEEE GCU Student Branch*   **2022 - 2023**
- Managed member databases, updates, and event notifications via WhatsApp groups.
- Ensured structured communication across all IEEE groups during sessions and events.

Social Media Manager – *IEEE GCU Student Branch*   **2021-2022**
- Promoted events across Facebook and WhatsApp communities for higher reach and visibility.
- Shared digital materials via social stories and targeted groups.

ACADEMIC PROJECTS

Full Stack Applications

Node.js, Express, React, SQL Server, CSS Modules, Multer, Nodemailer, bcrypt, REST API
- Developed a full-stack classified ads platform with secure auth, dynamic ad posting, and advanced search features.
- Built RESTful APIs with Node.js and SQL Server, integrating image uploads, email notifications, and a modular React frontend.
- Built interactive portfolio (React/Node) featuring animations, contact-to-email workflow & dynamic project database.

Voice-Controlled Personal Assistant

Python, Google Gemini API, Gmail API, SpeechRecognition, Pyttsx3, PyAudio, Regex, WebBrowser
- Built a voice-controlled desktop assistant using LLMs for real-time automation and natural speech interaction.
- Achieved 90% command accuracy with seamless control over Gmail, apps, and media playback.

Console-Based Klondike Solitaire Game

C++, Custom Data Structures, OOP, Terminal I/O
- Developed a terminal-based Solitaire game using custom stacks and linked lists with manual card control and ASCII rendering.
- Ensured zero memory leaks with full OOP architecture, showcasing low-level programming and data structure skills.

UI/UX Design Projects - Figma
- Recreated the Tesla website in Figma to learn layout hierarchy, typography, and component structuring.
- Designed an e-commerce homepage with reusable UI components, ensuring consistency using layout grids and auto-layout.

Built a mouse-controlled Sudoku game in Assembly Language
Developed FASTBook, a C++ social media simulator with posts, comments, and memory sharing.

TECHNICAL SKILLS

- **Software Languages:** C,C++, Python , HTML, CSS, JavaScript, SQL, Assembly
- **Frameworks/Tools:** Node.js, Express.js, React, Figma, REST APIs, Multer, Nodemailer ,Bcrypt
- **APIs:** Google Gemini, Gmail API, weather api , Classroom api
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), SQL
- **Stack:** Full Stack Web (React , Node , Express , SQL)