Muhammad Sohaib

Passport: PV5194601 | **Date of birth:** 02/12/2000 | **Place of birth:** Burewala, Pakistan |

Nationality: Pakistani | **Gender:** Male | **Phone number:** (+92) 3168431907 (Mobile) |

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ABOUT ME

I am a final-semester BS Computer Science student at COMSATS University Islamabad with a CGPA of 3.94/4.00. My academic interests include Artificial Intelligence, Data Science, and Blockchain. I have developed strong programming and analytical skills through coursework and internship experience. Currently, I am working on a blockchain-based degree verification system as my final year project. I plan to pursue a master's degree under the CSC Scholarship to continue my academic and research development.

RESEARCH INTERESTS

Blockchain Applications in Education and Data Integrity

Currently working on a blockchain-based verification system focused on academic degrees, with broader applications in secure document authentication. Research interests include using blockchain for tamper-proof verification of educational records, certificates, and other sensitive digital documents.

Artificial Intelligence and Machine Learning

Interest in learning-based systems, neural networks, and deep learning methods. Seeking to explore supervised and unsupervised learning models for intelligent applications, especially in real-world data environments.

EDUCATION AND TRAINING

14/02/2022 – CURRENT Vehari, Pakistan
BACHELOR OF SCIENCE (BS) IN COMPUTER SCIENCE COMSATS University Islamabad

Covered core subjects including Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Operating Systems, Database Systems, Parallel and Distributed Computing, Compiler Construction, and Programming for AI. Gained experience in deep learning models during the Machine Learning course, and hands-on skills with Linux-based virtual environments (VMware), network simulation tools (Packet Tracer, Wireshark), and blockchain principles in final-year research.
Technical skills include:
- Programming: Python, Java, C++, C, C#
- Databases: MS SQL, MySQL
- Tools: SPSS, Wireshark, Packet Tracer, VMware
- Platforms: Linux (Ubuntu), Windows
- Productivity: MS Word, Excel, PowerPoint

Address Mailsi Road, Off Multan Road, 61100, Vehari, Pakistan | **Website** www.comsats.edu.pk/ |

Field of study Software and applications development and analysis | **Final grade** CGPA 3.94 / 4.00 | **Level in EQF** EQF level 6 |

Type of credits Credit Hours | **Number of credits** 133

Link www.drive.google.com/file/d/1Buex8MUbpszeSVyZY8xVetFiiQa2j_IV/view?usp=sharing

HONOURS AND AWARDS

14/02/2022 – 10/01/2026
On track to receive Gold Medal – Highest CGPA in Batch

Consistently maintained top academic performance with a cumulative GPA of 3.94/4.00. Expected to receive the Gold Medal for securing the highest CGPA in the Bachelor of Science in Computer Science program at COMSATS University Islamabad, Vehari Campus.

PROJECTS

10/02/2025 – CURRENT
Student Degree Verification using Blockchain (Final Year Project)

Developing a decentralized system for issuing and verifying academic degrees using blockchain technology. Utilizes Ethereum smart contracts (Solidity) to store cryptographic hashes of degree data, ensuring tamper-proof and transparent verification. Built a web-based dApp with Next.js and MetaMask for role-based access and secure interactions. The system improves credential authenticity and reduces dependence on centralized authorities like HEC.

25/02/2025 – 10/06/2025
Sentiment Analysis on Stock Market Prediction

Developed a sentiment analysis system to predict stock market trends using labeled financial text data. Implemented a machine learning pipeline with text preprocessing, vectorization, and classification, and deployed the model via a Flask-based web app for real-time sentiment prediction.

WORK EXPERIENCE

🏢 **CODEDESKSTUDIO SOLUTIONS (SMC-PVT) LIMITED** – VEHARI, PAKISTAN

Business or Sector Information and communication | **Address** House 386, Street 11, Defence View, 61100, Vehari, Pakistan |

Website www.codedeskstudio.com/

WEB DEVELOPMENT INTERN – 26/06/2024 – 30/08/2024

- Assisted in front-end development for company web applications.
- Contributed to key projects by implementing responsive design and UI optimizations.
- Applied problem-solving skills to debug and enhance existing features.
- Demonstrated commitment to continuous learning and team collaboration.

LANGUAGE SKILLS

Mother tongue(s): **URDU** | **PUNJABI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user