

SHEIKH NABEEL

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OBJECTIVE

Software Engineering student with strong knowledge of C++ and JavaScript. Eager to apply skills and learn through real-world projects and collaborative environments.

EDUCATION

Bachelor of Science in Software Engineering

Expected 2028

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI), Topi

SKILLS

Programming Languages	C++, JavaScript
Web Technologies	HTML, CSS
Databases	PostgreSQL
Concepts	Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA)
Tools and Technologies	Git/GitHub (Version Control)
Soft Skills	Problem Solving, Teamwork, Willingness to Learn

PROJECTS

CryptX – Compression and Encryption Tool (C++): ([GitHub Link](#))

Built a file compression system using Huffman Coding achieving up to 30–40% size reduction on text files.

Implemented XOR-based encryption/decryption supporting both file-level and text-level security.

Designed operation history tracking using stack and linked list, enabling management of 100+ user actions per session.

Collaborated in a 3-member team to deliver the project within one academic semester.

Personal Portfolio Website (HTML, CSS, JavaScript):

Developed a responsive multi-section website with 5+ pages/components to showcase skills and projects.

Customized an existing template and deployed on GitHub Pages, improving load time and mobile responsiveness.

Integrated JavaScript for basic interactivity and navigation.

File Organizer and Duplicates Cleaner (Python): ([GitHub Link](#))

Built an automation tool to organize 1000+ files into categorized folders based on file type.

Implemented duplicate detection using hashlib, achieving 100% accuracy in identifying identical files.

Reduced manual folder cleanup time by approximately 70–80% through automated processing.

Used os and shutil for file operations and directory management.

CERTIFICATIONS

- Python Programming Essentials — Rice University
- Object-Oriented Programming in C++: Functions — University of London
- Introduction to Front-End Development — Meta
- Generative AI: Prompt Engineering Basics — IBM
- Additional certifications available on: ([My Coursera Profile](#))