



Detail-oriented and organized professional pursuing a Bachelor of Computer Science at Namal University. Specializes in cybersecurity and web development, with strong skills in effective communication and problem-solving. Experienced in full-stack development and practical projects, making me well-suited for dynamic roles in technology-driven environments.

## EDUCATION

### Bachelor of Computer Science Namal Universty Mainwali

2021 - 2025

#### Courses

- Computer Network
- Information Security
- Linear Algebra
- Software Engineering
- Natural Language Processing
- Cyber Security
- Computer Architecture
- Data Base System
- Data Structure

## PERSONAL PROJECTS

### Farm Management system (FYP) Netsol Technologies Limited

Developed a full-stack Farm Management System using the MERN stack with modules for crop management, livestock tracking, and resource allocation, ensuring efficient farm operations and Implemented secure user authentication (sign-up, login, and password change) using MongoDB, and built a responsive frontend with React.

### Wazuh SIEM Implementation Threat detection and Log monitoring

Implemented Wazuh as a Security Information and SIEM solution for real-time threat detection and log analysis. Configured monitoring, alerting, and agent-based log collection to enhance system visibility and security posture.

### Collaborative Document Editing System Supporting Teamwork

Created real-time document editing system for local area networks Implemented Socket.io for real-time updates across multiple clients Developed user-friendly GUI using Tkinter.

### Cyber Security in Online and Social Media Platform Research Project

Conducted a research project on cybersecurity in online and social media platforms, focusing on threats like data breaches, phishing, and account hijacking.

### BOINC Distributed Computing Model Research Project

BOINC (Berkeley Open Infrastructure for Network Computing) is an open-source platform that enables volunteer computing by using idle processing power from devices worldwide to support large-scale scientific research projects.

### Poverty Data Analysis and Visualization Regression Models

Conducted poverty data analysis using regression techniques to identify socio-economic factors affecting poverty. Visualized key insights to highlight trends and support data-driven decision-making.

## SKILLS

React

C++

Python

My Sql

HTML

CSS

JavaScript

Github

Figma

Linux

UI/UX

Cisco Packet Tracer

VS code

MS Office

Canva

Problem Solving

Communication Skills

## ACHIEVEMENTS

### Hedy Programming Language Mastery

Completed all levels of the Hedy programming language, building a strong foundation in Python through progressive syntax learning and logical problem-solving.

### JAVA full Stack Course

Completed a comprehensive course covering both frontend and backend development using Java. Gained hands-on experience with technologies like HTML, CSS, JavaScript, and Angular/React.

### Intermediate Python Course Completion

Completed a course on W3Schools focused on Python programming, gaining proficiency in fundamental concepts and practical applications.

### Programiz Python Complete Track

Completed the Programiz Python Complete Track, covering fundamental to advanced concepts in Python programming. Gained hands-on experience in coding, data structures, and algorithms, enhancing my ability to develop efficient and effective Python applications.

### Community Outreach for Namal University

Volunteered to promote Namal University in my local area by providing prospective students with information on admission details and facilities. Engaged with students and parents to encourage enrollment and raise awareness of educational opportunities.

## LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Full Professional Proficiency

## INTERESTS

Cyber Security

Web Development

UI/UX

Machine Learning

Puzzle Solving

Research in CS