

# Saraj Menghwar

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## EDUCATION

### Punjab University

BS Computer Science

- **Coursework:** Programming Fundamentals, Discrete Structures, Digital Logic Design, Object-Oriented Programming, Computer Organization & Assembly Language. Database Systems, Artificial Intelligence, Design and Analysis of Algorithms.

Lahore, Pakistan

Sept '22 - Jan '26

### Akhuwat College & University

Intermediate (ICS)

- Computer Science, Physics, Maths, and English.

Kasur, Pakistan

Oct '20 - May '22

## EXPERIENCE

### Linux Administrator | Software Developer

Jan'25 - Present

Upwork (Freelance)

- Freelance Linux & C++ developer with experience in system administration, scripting, and performance optimization.
- Providing Linux system administration and C++ development services, server management, memory optimization, and custom software solutions.
- Committed to quality and client satisfaction, delivering efficient solutions with positive feedback.

### Web Development Intern (Django)

Sep'24 - Oct'24

Social Swirl

- Learned to develop web applications using **Django** for Social Swirl, enhancing **backend** and teamwork skills.

### Cyber Security Intern

May - Jul'24

SenseLearner (Remote)

- Gained hands-on experience in **Linux security**, **OSINT**, and social engineering, enhancing threat analysis skills.
- Developed proficiency in **shell scripting** and **SQL injection testing** for **ethical hacking** and **automation**.

### C++ Intern

Sep'24

CodeSoft (Remote)

- Worked with C++ and **GitHub**, improving coding efficiency and **version control** skills.

## CERTIFICATIONS

### Shell Scripting for DevOps (COURSERA)

- Learned to write and read **Bash scripts** and understand fundamental components of **Shell scripting** for **DevOps**.

### Learning Linux for LFCA Certification (COURSERA)

- Completed 'Learning Linux for LFCA Certification' specialization on Coursera, covering Linux fundamentals, system management, security, and DevOps.

### Networking Basics (CISCO)

- Earned **Networking Basics** badge from Cisco, covering network types, data transmission, IP addresses, and building home networks.

### Become a Linux System Administrator (LINKEDIN)

- Gained expertise in system administration, Linux kernel, network management, and CompTIA Linux+.

### Advanced Commands in Linux (COURSERA)

- Learned to download websites, synchronize directories for backup, and manage applications using advanced **Linux commands**.

### Python Programming - Bootcamp (Udemy)

- Completed the Python Programming Bootcamp, mastering core concepts and hands-on coding skills in Python.

## TECHNICAL SKILLS

**Programming Languages:** C/C++, Python, Java, Linux (Shell Scripting), Assembly (8086), OOPs

**Developer Tools:** Git/GitHub, Docker, and Kubernetes VS Code | **Databases:** SQL, MySQL

## INTERESTS

Playing Chess, Cricket, Learning Languages (German), and Googling.