ISRA ASIF

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https://israsif.github.io/isra-portfolio/

PROFESSIONAL SUMMARY

Motivated Computer Science student passionate about software development, data structures, networking, and web technologies. Experienced in C++, assembly programming, and network configuration using tools like Cisco Packet Tracer, VMware, and UltraISO. Eager to apply technical and analytical skills to impactful academic or research projects.

PROJECTS

SmartLIB — Web & Mobile Application (Current Project)   **April 2025**

Developing a smart library management system accessible via both web and mobile platforms.

- An enhanced web app for efficient complaint management and communication between university departments.
- Tech Stack: HTML, CSS, JavaScript, SQL (phpMyAdmin)

University Complaints Management System - UCMS (Web Application)   **April 2025**

A centralized web-based system for reporting and tracking complaints from students, faculty, and staff.

- An enhanced web app for efficient complaint management and communication between university departments.
- Tech Stack: HTML, CSS, JavaScript, SQL (phpMyAdmin)

Sudoku Game (AI Project)   **Nov 2024**

Developed a Sudoku puzzle-solving game implementing the Backtracking Algorithm for automatic puzzle generation and solving.

- Built with Python using Tkinter for GUI and NumPy for logic handling.
- Features timer mechanism, hints, difficulty levels, and real-time feedback.
- Tech Stack: Python, Tkinter, NumPy, Spyder

EDUCATION

Bachelor of Science in Computer Science   **Oct 2023 - Present**
Fatima Jinnah Women University (Expected Graduation: 2027)

- Relevant Coursework: Data Structures, Operating Systems, Advanced Database Management Systems, Software Engineering

Matriculation and Intermediate in Computer Science (ICS)   **April 2019 - July 2023**
Army Public School and College Pasban, Westridge III

LANGUAGE

- English (Fluent)
- Urdu (Native)

TECHNICAL SKILLS

Programming Languages

- C++
- Python
- SQL
- HTML
- CSS
- JavaScript

Programming Tools & Environments

- VS Code
- Android Studio
- Eclipse

Designing Tools

- Canva (Graphic Design, Slide Decks, Presentations, Posters)
- Figma

AI / Problem-Solving Tools

- Spyder (Python)
- Tkinter

SOFT SKILLS

- Communication & Presentation
- Teamwork & Collaboration
- Problem Solving & Analytical Thinking
- Time Management & Organization
- Research & Documentation
- Adaptability & Quick Learning
- Creativity & Critical Thinking
- Leadership & Initiative

CERTIFICATIONS

- Google Project Management Professional Certificate - Google - Coursera
- Unordered Data Structures - University of Illinois Urbana-Champaign - Coursera
- Ordered Data Structures - University of Illinois Urbana-Champaign - Coursera
- Conversational English Skills - Tsinghua University - Coursera

EXTRACURRICULAR

Aspire Leaders Program — Cohort III (Aspire Institute, Harvard University Initiative):

- Selected from a competitive global applicant pool for leadership and professional development training. Completed modules on personal leadership, social impact, and career development.

OMLAS Champions Empowerment Program 2025:

- Leadership, SDGs, and Social Entrepreneurship