

# Areeba Saghir | Software Engineer

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## PROFESSIONAL SUMMARY

An enthusiastic Software Engineering student with hands-on expertise in web development, AI/ML applications, and IT solutions. Proficient in C, C++, Python, JavaScript, HTML/CSS, and tools like GitHub, VS Code, JIRA, and Oracle SQL. Experienced in developing AI-driven projects and deploying scalable IT systems through freelance and academic work. Skilled in full project lifecycle from ideation to deployment with a strong foundation in data structures, algorithms, and automation. Actively involved in university tech events, combining technical problem-solving with leadership in team coordination. Seeking opportunities to apply AI, software development, and IT expertise in innovative, collaborative environments.

## EDUCATION

### BSc, Software Engineering

Punjab University College of Information Technology (PUCIT), Lahore

September 2023 -Ongoing

## SKILLS

- **Languages/Frameworks:** C,C++, HTML, CSS, Java Script, Python
- **Cloud/Databases:** SQL
- **Tools/Technologies:** GitHub, VS Code, JIRA, Sparx,emu8086, DOSBox 0.74, Oracle
- **Language:** English (B2), Urdu/Hindi (Native)

## EXPERIENCE

### Freelancer

Fiverr, Lahore – Pakistan

October 2023 - Ongoing

- Freelance Web Developer proficient in C, C++, JavaScript, HTML, CSS and Python.
- Specialized in creating responsive websites with custom designs, optimizing for search engines.

## PROJECTS

### RagsPerfumes

February 2025 - May 2025

- A website that offers for timeless fragrances – explore and shop premium perfumes online. [RagsPerfumes](#)

### Central Coffee

January 2025-February2025

- A website to order and manage your favorite coffee flavors. [Central-Coffee](#)

### Role-Playing Game (RPG): A CONSOLE-BASED ADVENTURE

October 2024 - December 2024

- Developed a console-based Role-Playing Game (RPG) featuring interactive storytelling, character progression, and turn-based combat mechanics.

### Calculator

September 2024 – October 2024

- A basic calculator for performing quick arithmetic operations. [Calculator](#)

### Random Password Generator

August 2024 – September 2024

- A tool to create strong, secure, and unique passwords instantly. [Random Password Generator](#)

### Hangman Words-Two Players Game

March 2024 - July 2024

- Created a multiplayer Hangman game emphasizing turn logic, input validation, and win/loss tracking.

### Tasbee

January 2024 – February 2024

- A digital counter for daily tasbeeh/prayer recitations. [Tasbee](#)

### Tic-tac-toe

November 2023 - January2024

- Created an interactive Tic-Tac-Toe game emphasizing control flow, decision structures, and modular design.

## ACHIEVEMENTS

- **Awarded Certificate of Appreciation** at Code Bees 4.0 — Female-Only Inter-University Programming Competition (Organized by FCIT Developers Club, University of the Punjab)
- **PF-PUCon'25** Team FYP Exhibition Appreciation Award.
- **PF-PUCon'25** Team Pitch to Rich Appreciation Award.

## MANAGEMENT AND LEADERSHIP SKILLS

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### **Management Lead at PF-PUCON'25 - PUCIT**

*April 2025-May 2025*

- Team Coordination: As **FYP Exhibition** Core Team Member, ensured smooth collaboration for projects.
- Team Leadership: Coordinated cross-functional efforts as a Core Team Member for **Pitch to Rich**, driving seamless collaboration and execution of innovative student projects.

### **Production Assistant at Event Management Society – PUCIT**

*March 2025 - Ongoing*

- Collaborated with the production team to execute event planning, stage management, and technical setup.