

Muhammad Usman

Software Engineering Student | Java Developer | Aspiring Game Developer

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PROFILE

Software Engineering student at the University of Central Punjab with a strong foundation in Java and object-oriented programming. Builds independent software projects including Java desktop games and responsive web applications. Interested in software engineering and game development, with a focus on learning through practical projects.

EDUCATION

University of Central Punjab (UCP) — Lahore, Pakistan

BS Software Engineering | Expected 2029 | Currently in 3rd Semester

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL

Development: OOP, Java Swing, GUI Development, File Handling, REST APIs, Responsive Web Design

Tools: Git, GitHub, IntelliJ IDEA, Netlify, CircuitMaker

AI-Assisted Development: AI-assisted debugging, code review, research, rapid prototyping, prompt engineering

PROJECTS

Password Challenge Game | Java • Java Swing • GUI • Validation Logic

Interactive progressive password challenge game featuring multiple levels, timed rules, lives, hints, validation logic, and changing interface states.

- Designed and implemented the game progression and validation systems.
- Built the desktop interface and interactive states using Java Swing.
- Developed the project independently as a practical Java application.

Number Pattern Game | Java • Java Swing • Game Logic

Java desktop game centered on recognizing numerical patterns through an interactive graphical interface.

- Implemented pattern-generation and answer-validation logic.
- Built the graphical interface using Java Swing.
- Developed the project independently to strengthen Java programming and problem-solving skills.

Admire Air Travel & Tours | HTML • CSS • JavaScript • Responsive Design

Responsive travel agency website focused on travel and Umrah services with a modern interactive interface.

- Designed a multi-page responsive website with theme switching and animated UI elements.
- Implemented interactive contact and communication features, including a contact form and WhatsApp option.
- Deployed the website for public access.

ACADEMIC HIGHLIGHTS

96% — Programming Fundamentals

89% — Introduction to Computing

INTERESTS

Game Development • Software Engineering • Java Development • Interactive Applications • Problem Solving