AMIR SAAD

Software Engineering Undergraduate | Java & Python Application Development

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PROFILE

Software Engineering student (CGPA **3.67/4.00**) who builds Java desktop applications and Python/AI prototypes. Developed a skill-based partner-matching application and tools for startup analysis and CV assessment. Knowledge of web development, SQL databases, software testing, and requirements modeling, supported by practical team and teaching experience.

EDUCATION

BS Software Engineering | Shifa Tameer-e-Millat University, Islamabad | **CGPA: 3.67/4.00** | In progress

FSc (Pre-Medical) | Government College Peshawar | 88% | 2020–2021

TECHNICAL SKILLS

Languages & web: Java, Python, C++; React, Node.js, Express.js, REST APIs

Frameworks & data: JavaFX, Swing, Streamlit; SQL, SQLite, MySQL

Software testing: Functional/regression testing, test-case design, defect reporting; Jira, TestRail, Testomat.io, Katalon Studio

Engineering fundamentals: OOP, data structures and algorithms, requirements analysis, BRD/SRS, UML, OOAD

SELECTED SOFTWARE PROJECTS

SkillSync | Java 17 · JavaFX · SQLite · DSA

GitHub: github.com/AmirSaad1417/SkillSync

- Built a desktop application for student project-partner matching, with MCQ-based assessments across **four skill domains**, compatibility ranking, and connection requests.

Idea Pressure Tester | Python · Streamlit · Gemini

GitHub: github.com/AmirSaad1417/idea-pressure-tester

- Created a startup-idea evaluation prototype that examines ideas from **investor, skeptic, customer, and competitor** perspectives to surface risks and weaknesses.

HireMe Agent | Python · Streamlit · Groq · APIs

GitHub: github.com/AmirSaad1417/hireme-agent

- Developed an AI-assisted CV analysis tool that identifies candidate skills and retrieves relevant job opportunities through external APIs.

Pakistan AI Tax Compliance Assistant | RAG · Vector database · LLM APIs

- Collaborated during a national hackathon on a prototype providing referenced tax information and estimated calculations; not a production tax service.

Agentic AI Workflow Automation (FYP) | Workflow automation · AI agents · In progress

- Exploring agentic AI for intelligent workflow automation and task handling as an ongoing university final-year project.

EXPERIENCE

Teaching & Student Mentoring | Swat, Pakistan | 2021–2023

- Delivered classroom and individual tutoring, adapting technical and academic explanations to students' different learning needs; developed clear communication and mentoring skills.

TRAINING & CERTIFICATIONS

Certificate in IT - Web Development | NAVTTC / NexGen Institute of Technology | Jun 2026

IBM / Coursera coursework: What is Data Science?; Tools for Data Science; Data Science Methodology (2026).