AMNA REHAN

COMPUTER SCIENCE STUDENT

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SUMMARY

Computer Science undergraduate with strong experience in UI-driven web development, user-centered design, and AI-powered applications. Skilled at transforming complex requirements into intuitive, accessible user experiences. Actively working on real-world products combining UX research, frontend engineering, and AI systems.

TECHNICAL SKILLS

Languages: C++, C, JavaScript, Typescript, Python, SQL
Web: Node.js, Express.js, React, HTML, CSS
Database: PostgreSQL, Convex, SQL Server
Tools: Git, GitHub, VS Code, Figma
Concepts: OOP, Data Structures & Algorithms, Database Design, RESTful APIs, Client-Server Architecture, MVC, Software Development Lifecycle

PROFESSIONAL EXPERIENCE

Computer Science Teacher (O level)   **Jun 2025 - Present**

- Teaching core computing concepts: logic gates, pseudocode, algorithms, and basic programming.
- Created personalized lesson plans to improve understanding and exam performance.

ML Internship(Elevvo Pathways)   **Oct 2025 - Nov 2025**

- Built ML models for student score prediction, sales forecasting, and customer segmentation.
- Cleaned data, engineered features, and evaluated model performance using Python and Scikit-learn.
- Generated insights and visualizations to support data-driven decision making.

EDUCATION

FAST-NUCES, Lahore   **Aug 2023 – Present**
Bachelors in Computer Science
Dean's List of Honors - Fall 2023, Spring 2025
Top Grades: A+ in Database Systems, A in Data Structures, A in Discrete Structures

Lahore Grammar School   **2021 - 2023**
A Level (Pre-Engineering)
Academic High Achiever
Grades: A

School for Contemporary and Islamic Learning   **2018 – 2021**
O level (Sciences)
Academic High Achiever
Grades: A+

PROJECTS

Veltrix (Javascript) - E-commerce app with RESTful API, secure backend, and product management.
LUXE (Typescript) - fully functional e-commerce website with cart management, filtering and checkout functionality.
Car Management System (Javascript) - Full-stack car listing app with filtering, add/rate features, built using React
LandIT- AI Interview & Career Preparation Platform
Flareprep website - created fully functional website for a student startup
Athenix AI(Typescript) - AI model designed to help users create personalized workout routines and diet plans.