

# ZUNAIRA SAEED

BSc. Computer Engineering Student

(DevOps/Cloud Computing/AI&DataAnlaysis/Cybersecuirty/software Development)

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## Summary

I am Zunaira Saeed, a BSc. Computer Engineering student in my Final year at UET Lahore, with a strong foundation in problem-solving and a proactive mindset. I enjoy tackling challenges through logical thinking and effective communication, and I value collaboration and continuous learning. I aim to apply my technical knowledge and initiative in meaningful, real-world projects.

## Experience

### ACM UET

Lahore, Pakistan

**Post:** Director General

03/2025 - 03/2026

ACM UET is a vibrant community for students passionate about technology

- Collaborated with teams, organizing high-impact events and mentoring, facilitated workshops on technology for students.

**Post:** Cloud Computing Lead

02/2024 - 02/2025

ACM UET is involved in technology advancement and education

- Led the Cloud Computing team, mentoring members and conducting workshops and promote hands-on learning.

**Post:** Event Organizer

01/2025 - 2026

Organized competitions and events for skills showcasing

- Co-organized UTS 6.0, secure sponsorships and ensure event success.

### Cybersecurity Society

Lahore, Pakistan

**Post:** Community Outreach Head

01/2025 - 02/2026

- Built partnerships with organizations to create opportunities for students

## Education

University of Engineering and Technology, Lahore [CGPA-3.257]

Lahore, Pakistan

BSc. Computer Engineering

12/2022 - 05/2026

Punjab Group of Colleges [Fsc.-93.728]

Kharain, Pakistan

FSc. Pre-Engineering

08/2020 - 05/2022

## Projects

### Bank Management System (Java, MySQL, HTML, CSS)

Developed an OOP-based banking system with GUI to manage customer accounts and transactions using SQL database integration.

### Hospital Management System (Python, HTML, CSS, File Handling)

Designed a GUI-based hospital system to manage patient records and appointments using local file handling for backend storage.

### Customer Engagement System (MySQL, SSMS, JavaScript, Power BI, Bootstrap, HTML, CSS)

Built a database management and visualization system to organize supplier/dealer data and generate detailed reports and charts via Power BI and a web dashboard.

### Customer Churn Prediction (AI Model) (Python, Jupyter Notebook, ANN, Kaggle, HTML, CSS, Bootstrap)

Trained an Artificial Neural Network on telecom industry data to predict churn, with a web interface for visualizing churn rate, retention strategies, and predictive analytics.

### Kids Phonics Game (React Native, Sound Data Processing, Responsive App)

Developed a responsive phonics learning app for children (ages 1–7) based on the U.S. curriculum, using recorded voice data and multi-platform deployment (web, app, desktop).

### Water Level Indicator (ICs, Transistors, Capacitors, Buzzer Circuit)

Designed a 10-level water tank indicator using basic electronic components with an alarm system that activates when the tank is full.

### DC Charger (5V) (Transformer, Rectifier Circuit)

Built a 5V DC charger using a step-down transformer and rectification process to supply regulated power output for small devices.

### Number Guessing Game Circuit (Digital Logic Design, ICs, LEDs, Timer)

Implemented a number guessing game using digital ICs with a built-in timer and LED feedback system to simulate random number generation and limited guess attempts.

## Skills

Java, Python, SQL, MySQL, SSMS, HTML, CSS, Bootstrap, React Native, Jupyter Notebook, MATLAB, Power BI, Google Cloud Platform (GCP), Microsoft Office, Proteus, SolidWorks, Wireshark, Artificial Neural Networks (ANN), Object-Oriented Programming (OOP), DSA, Circuit Design, Digital Logic Design, GUI Development, Web Application Development, Project Management, Problem Solving, Communication.