

# Dua Rizwan

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## Education

### University of Engineering and Technology

*Bachelor in Computer Engineering*

### Punjab College

*F.Sc.*

Lahore, Pakistan

*Sept. 2023 – Present*

Burewala, Pakistan

*March 2020 – May 2022*

## Technical Skills

**Languages:** Java, Python, C/C++, SQL, C, HTML, CSS, JavaScript

**Frameworks:** Flutter, MySQL, Django, Bootstrap, MySQL, Express.js, Node.js, MongoDB (MERN Stack)

**Developer Tools:** Android Studio, Jupyter, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Dev-C++, Proteus 8, Adobe Illustrator, Adobe Photoshop, Canva

## Projects

### ECAT App | *Python, Tkinter*

March 2024 – April 2024

- Built an ECAT-style test GUI with a countdown timer that auto-stops on completion.

### Cardio-Health Analyzer | *Python, Tkinter, smtplib*

April 2024 – May 2024

- Health analysis tool with chatbot support, CSV data logging, and real-time interaction.

### Code Tutor | *Flutter, Android Studio*

July 2024 – August 2024

- Python learning app with categorized code snippets and a beginner-friendly UI.

### Pacman Game | *Java, Swing, AWT*

November 2024 – December 2024

- OOP-based interactive Pacman with modular game logic and responsive controls.

### Automatic Rain-Detection System | *Circuits and Electronic Devices*

December 2024 – January 2025

- Sensor-based automatic cloth cover for weather protection using rain detection.

### Notes-App | *HTML, CSS, JavaScript*

March 2025

- Markdown-supported notes app with local storage and clean UI.

### Course Registration System | *Python, Django, MySQL, HTML, CSS, Bootstrap*

April 2025 – May 2025

- Full-stack web app for student/course registration with custom models, forms, and admin panel.

### Portfolio Website | *React.js, Bootstrap*

May 2025

- Built a responsive React portfolio highlighting key projects with smooth navigation and custom UI design.

## Extra-curriculars

- Troubleshooting design issues and mentoring junior designers at ACM UET Lahore.
- Creating visuals to boost event engagement.
- Developing a Tkinter-based ECAT exam GUI.