Dua Rizwan

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Education

University of Engineering and Technology	Lahore, Pakistan
Bachelor in Computer Engineering	*Sept. 2023 – Present*
Punjab College	Burewala, Pakistan
F.Sc.	*March 2020 – May 2022*

Technical Skills

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

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, Git, Github

Experience

Excellium | *Software Engineer Trainee* — *June 2025 - Present*
- Working as a Software Engineer Trainee, gaining practical experience in collaborative development, problem-solving, and agile methodologies.
- Contributing to real-world projects while learning industry practices in software design, version control, and team communication.

Projects

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.

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.

QR-Code Generator | *TypeScript, React.js, Node.js* — June 2025
- Developed a QR generator with real-time input and backend integration.

Medium Clone| *TypeScript, MongoDB, MERN Stack*   June 2025
- Built a full-stack blog app with auth, rich editor, and user dashboard.

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.