

Muhammad Idrees Raza

Final-Year BS Computer Science Student | Aspiring Full-Stack Developer

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Layyah, Pakistan

SUMMARY:

Final-year Computer Science student with hands-on experience in full-stack web development, databases, and mobile applications. Skilled in JavaScript, React.js, Next.js, TypeScript, MySQL, and MongoDB. Proven leadership as a Group Lead on academic and GitHub projects, with teaching and mentoring experience.

TECHNICAL SKILLS:

Frontend: JavaScript, React.js, Next.js, TypeScript, HTML, CSS

Backend & Databases: MySQL, MongoDB, PostgreSQL

Programming Languages: C++, Java, JavaScript, TypeScript

Tools: GitHub, Expo CLI, Android Studio

LEADERSHIP & TEACHING:

- Group Lead on academic & GitHub projects, guiding team members.
- Conducted peer teaching sessions for classmates and junior/intermediate students.

EXPERIENCE:

Group Lead (GL) & Main Developer – Academic Projects | 2023 – Present

- Led team development of a Shop Management System in C++ and a Chess Game in Java.
- Supervised contributors on GitHub projects, ensuring code quality and collaboration.
- Taught and mentored classmates and intermediate-level students in programming concepts.

GitHub Project Led – Open-Source Contributions | GitHub Profile Projects | 2022 – Present

- Managed collaborative projects, similar to a software engineer role, with contributors.
- Developed and deployed multiple web applications using React.js, Next.js, TypeScript, and PostgreSQL.
- Published open-source code and documentation on GitHub for community use.

PROJECTS:

[Links](#) **Blog Website – Full Stack Web Application**

Tech Stack: React.js, Next.js, TypeScript, PostgreSQL, CSS

- Designed and developed a responsive blogging platform with secure authentication.
- Integrated PostgreSQL for data storage and retrieval with optimized queries.
- Implemented reusable UI components and modern styling for a seamless user experience.

[Links](#) **Calculator Application**

Tech Stack: Next.js, TypeScript, CSS

- Developed a functional calculator with advanced operations support.
- Implemented state handling in TypeScript for error-free calculations.
- Designed clean, minimal UI with responsive styling.

[Links](#) **BIOS Mobile App**

Tech Stack: React Native, Expo CLI, Android Studio

- Created a mobile app with cross-platform compatibility (Android + iOS).
- Used Expo CLI for fast prototyping and testing.
- Focused on interactive UI and smooth navigation.

[Links](#) **Shop Management System**

Tech Stack: C++

- Developed a console-based shop management system.
- Implemented product inventory management, billing, and reporting features.
- Built as an academic project leading a group of peers.

[Links](#) **Chess Game**

Tech Stack: Java

- Programmed a console-based chess game with basic rule validation.
- Applied OOP concepts in Java (classes, objects, inheritance).
- Collaborated with peers to ensure functionality and bug fixes.

EDUCATION:

Bachelor of Science in Computer Science (BSCS)

Government Graduate Boys College Chowk Azam – GC University Faisalabad Campus

Session: 2022 – 2026