

MUHAMMAD ZAIN ALI

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OBJECTIVE

Detail-oriented BS Software Engineering student at Foundation University Rawalpindi with exposure to mobile and web application development, quality assurance and semester projects. Eager to contribute practical skills in Flutter, Java, web, and software testing to real-world engineering challenges.

Education

B.S. Software Engineering — Foundation University Islamabad

2023 – Present

Relevant: Data Structures, OOP, SQL, Web Engineering, CN, OS, PDC, SQE, SPM, Information Security

TECHNICAL SKILLS

Languages: Dart, SQL, PHP, JavaScript, C++, C#, Java,

Frameworks: Flutter, JUnit 5, Selenium WebDriver, Appium, React.js, Node.js, Next.js, Express.js, Bootstrap

Web Technologies: MERN Stack, MVC Architecture, AJAX, UI/UX Design Principles, Full-Stack CRUD Operations, SEO

Testing & QA: Mobile/Web UI automation, Test case design, Branch coverage, Defect logging

Tools: IntelliJ IDEA, Android Studio, VS Code, Firebase, XAMPP, MySQL, MongoDB, Git, GitHub, Unity, Jira

CS Fundamentals: OS, CN, PDC (threading, concurrency), Relational Databases

Soft Skills: Problem Solving, Communication, Time Management

Experience

Application Development Intern

2025

ISPR (Inter Services Public Relations) Directorate — Rawalpindi

- Built ISPR Internship Hub (Flutter + Firebase) to digitalize attendance, announcements, and task management for a government organization.
- Integrated Firebase Auth & Realtime Database; deployed and tested on physical Android devices, resolving real integration issues.

Web Development Intern

2025

Rhombix Technologies — Remote

- Designed and implemented responsive, interactive UIs; improved visual consistency, navigation flow, and cross-browser compatibility.

CERTIFICATIONS

- App Development Internship — Inter Services Public Relations (ISPR) (2025)**
- Flutter Masterclass: Build Android & iOS Apps from Scratch — Udemy (2025)**
- Web Development Internship — Rhombix Technologies (2025)**

PROJECTS

ISPR Internship Hub (Flutter · Firebase) — Full mobile app for intern management; Firebase Auth, Realtime Database, and live attendance sync.

DuckDuckGo QA Automation (Appium · JUnit 5 · Java · IntelliJ IDEA) — 25 automated test cases; 100% branch coverage across 7 modules, HTML coverage report, full defect log.

ZA WheelsWave (HTML · CSS · JS) — Responsive car-showcase site with interactive carousels and dynamic filtering.

Additional: Personal Portfolio · Futurify Web Music Player · Book Library · Baby Bu App · WatchHouse (Web QA) · Car Modifications Idea Hub Website

EXTRA-CURRICULARS

- Active participant in online coding communities and developer Discord servers.
- Actively participated in management of major university events, including Open Houses, Orientations, and Convocations.
- Passionate about continuous learning through GitHub; frequently upload personal projects, and modify open source projects.