

# Farhan Riaz

## Full Stack & Flutter Developer

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## PROFESSIONAL SUMMARY

Full Stack and Flutter Developer with experience building responsive web and mobile applications using React.js, Node.js, Flutter, SQL, Firebase, and Cisco Packet Tracer for networking simulations. Skilled in RESTful API development, database design, and creating scalable solutions with optimized performance and usability.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Dart, C++, SQL, Python

**Backend:** Node.js, REST APIs, Firebase, Strapi CMS

**Networking:** Cisco Packet Tracer, Network Simulation, Configuration

**Core:** Full Stack Development, API Integration, Authentication, State Management, CRUD, OOP, DSA

**Frontend:** React.js, Flutter, HTML5, CSS3, Tailwind CSS, ShadCN UI

**Databases:** MySQL, PostgreSQL, Firebase Firestore

**Tools:** Git, GitHub, VS Code, Postman

## PROJECT EXPERIENCE

### Spray Center Website – Full Stack Web Application (2025)

- Developed a responsive full stack web application for a service business using React.js and Tailwind CSS.
- Implemented RESTful backend APIs with Node.js and SQL for products, services, and customer bookings.
- Created reusable components, client-side routing, and centralized state management.
- Optimized UI performance for faster page load and user interaction.

### Kids Learning App – Flutter Mobile Application (2025)

- Built an interactive multi-screen mobile app with lessons, quizzes, and animations.

- Integrated Firebase Authentication and Firestore database for real-time data management.
- Consumed REST APIs to deliver dynamic content to users efficiently.
- Enhanced engagement through intuitive navigation and responsive design.

### **University Management System – Academic Project (2024)**

- Developed a console-based student and course management system using C++ and SQL.
- Implemented data structures such as linked lists and trees to optimize performance.
- Designed SQL relational schemas and queries for efficient data handling.

### **ATM Simulation System – Academic Project (2023)**

- Created an ATM simulation using C++ with object-oriented programming principles.
- Implemented account management, PIN validation, and transaction workflows.
- Applied inheritance and encapsulation to ensure modular, maintainable code.

### **Networking Simulation Projects – Cisco Packet Tracer**

- Designed and configured network topologies using Cisco Packet Tracer.
- Simulated routing, switching, and IP addressing scenarios for academic and practical use cases.
- Tested network configurations for connectivity, security, and performance optimization.

## **EDUCATION**

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### **Bachelor of Science in Software Engineering**

Superior University – Gold Campus, Lahore

2023 – 2027 | CGPA: 3.34 / 4.00

## **INTERESTS**

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Flutter Mobile Development, Full Stack Web Development, API Design, UI/UX Optimization, Networking, Data Structures & Problem Solving