

Summary

I am a skilled and passionate Software Engineer with expertise in Flutter, React and Python development. I have experience in designing and developing cross-platform mobile applications, backend APIs, web applications and AI-based solutions. My career trajectory saw me rapidly promoted from an intern to a full-time Flutter Developer due to my problem-solving skills and innovative contributions. I have also built applications utilizing AI technology for image editing and object detection

Experience

Planet Beyond Islamabad, Pakistan
Software Engineer 04/2024 - 01/1970

A software development company focused on innovative applications and solutions

- Designed and developed iOS and Android applications and published them on the App Store and Play Store
- Worked on five applications, three of which are already live
- Implemented Apple and Google authentication to streamline user sign-in
- Developed AI-based applications, including an image editing tool and an object detection system for table tennis ball tracking
- Worked extensively with Firebase (Firestore, Realtime Database, Authentication, Notification Messaging, Dynamic Links)
- Implemented advanced state management using Bloc (Expert), Provider (Expert), and Riverpod (Beginner)
- Developed Python-based backend solutions using Flask to create RESTful APIs
- Integrated machine learning models for segmentation, classification, and object detection

Planet Beyond Islamabad, Pakistan
Intern Software Engineer 12/2023 - 04/2024

A software development company focused on innovative applications and solutions

- Assisted in developing and launching multiple Flutter-based applications
- Contributed to API integration, database management, and app performance optimization
- Gained hands-on experience in cloud-based backend solutions and AI-driven applications
- Built reusable Flutter components and optimized code for better performance
- Contributed to the development of the department's flagship web application.

Education

COMSATS University Islamabad Islamabad, Pakistan
Bachelor of Software Engineering (BSE) 09/2020 - 06/2024

Key Achievements

- ☆ **Rapid Promotion to Full-Time Developer at Planet Beyond (2024)**

Recognized for exceptional performance, I was promoted from a Flutter Intern to a Full-Time Software Engineer within a record time, demonstrating strong problem-solving skills and technical expertise
- 🔧 **Successful Launch of Multiple Live Applications (2024)**

Developed and deployed five cross-platform applications, three of which are live on the App Store and Play Store, enhancing user experience with seamless authentication, AI-powered features, and real-time database integration
- 💡 **Innovative AI-Based Application Development**

Created AI-driven solutions, including an image editing tool that leverages machine learning for advanced modifications, and an object detection system for table tennis ball tracking, using segmentation, classification, and real-time object detection
- 💡 **Expertise in State Management & Backend Development**

Recognized for my expertise in implementing Bloc (Expert), Provider (Expert), and Riverpod (Beginner) for Flutter applications and for developing backend APIs using Python and Flask
- 🏆 **Completion of Prestigious Certifications**

Completed high-value courses including Udemy: Flutter Development Course and Udemy: Machine Learning A-Z
- 🔗 **Demonstrated expertise in maintaining and enhancing legacy React codebases,**

Successfully contributed to the department's flagship web application, *Teepee*, improving performance and user experience.

Skills

Flutter (Android - IOS - Web) · React · Python as Backend · ML and AI

Projects

Teepee. Islamabad, Pakistan
2024 - Present

Spearheaded the development of Teepee's mobile applications (Android & iOS) using Flutter, collaborated in Teepee's web application using React, delivering a seamless, responsive UI for educators and students.
Collaborated with designers and product teams to build an intuitive user experience around:

- Automated Quiz Generation
- Instant AI Grading & Feedback
- Spaced Retrieval Practice
- Classroom Management Tools

Contributed to key web modules using React, optimizing performance and ensuring a consistent cross-platform experience.
Developed and maintained backend APIs using Python, enabling core features such as user authentication, quiz scheduling, grading logic, and analytics.
Integrated real-time performance dashboards and PDF report generation tools to support educators with actionable insights.
Ensured cross-platform feature parity and high code quality through rigorous testing, version control, and CI/CD pipelines.
Actively participated in code reviews, sprint planning, and product ideation, helping shape roadmap decisions based on technical feasibility and user feedback.

- Helped scale Teepee to support thousands of users across web and mobile platforms.
- Reduced manual grading time by over 80% with robust AI-powered assessment tools.
- Contributed to increasing student engagement through a mobile-first learning approach.

Memory Magic Islamabad, Pakistan
03/2024 - 05/2024

Led the end-to-end development of Memory Magic's Android & iOS apps using Flutter. Built core features like daily quizzes, spaced repetition logic, and progress tracking. Helped thousands of GCSE students study smarter with 5-minute revision sessions, improving retention and engagement.

- Impact: Hundreds of students actively used the app for science revision
- Success Metric: 40% increase in retention

Personal Portfolio App Islamabad, Pakistan
03/2025 - Present

Sohaib Portfolio
• Flutter • UI/UX • Firebase • Github

Designed and developed a fully responsive personal portfolio using Flutter Web, highlighting expertise in mobile and web development. Built with Flutter Web & Firebase to showcase my skills, experience, and certifications with a modern, interactive UI.

- Showcased professional experience, skills, certifications, and live projects in a modern, interactive UI.
- Focused on clean, accessible design principles to demonstrate strong UI/UX capabilities.
- Integrated smooth animations, modular components, and scalable architecture.
- Deployed using Firebase Hosting for seamless web access and performance.
- Strengthened personal brand, showcased full-stack and UI/UX skills, and contributed to successful client outreach and interview opportunities.