

Rizwan Shah

AI-Driven Flutter Developer Specializing in Machine Learning & Deep Learning

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🌐 Rizwan Shah

PROFILE

Dedicated and results-driven Flutter Developer with expertise in AI, machine learning, and deep learning. Demonstrates a robust work ethic and a proven track record of delivering high-quality projects. Possesses exceptional time-management skills and an unwavering commitment to continuous skill enhancement. Approachable and diplomatic, excels both independently and collaboratively. Known for effective problem-solving through active listening and innovative solutions.

PROFESSIONAL EXPERIENCE

- | | |
|---|--|
| Orca Clan Tech, Student Ambassador
working as a representative of ORCA CLAN TECH at my campus and outside | Apr 2024 – present
Abbottabad, Pakistan |
| Google Development Student Club, IT GURU 
• The Head of IT Ninjas Group
• Handle technical aspects
• Manage Technical platforms
• Provide technical support for Google's Solution Challenge under the Limited Time Frame. | Aug 2023 – present |
| Artificial Intelligence Community Pakistan, Vice President (KPK Region) 
• Serving as a Vice President | Aug 2023 – present |
| Uniyo Ltd, Flutter Developer 
• Firebase integration
• Payment integration
• Proficient state management for a service provider app | May 2023 – present |
| Google Development Student Club, LEAD 
Competitive Programming Lead | 2022 – Aug 2023
Abbottabad, Pakistan |
| The Editing Factory, Flutter Developer 
• Worked Flutter Developer with a specialization in UI design for service provider apps.
• Contributed to two projects, ensuring visually appealing and user-friendly interfaces. | Oct 2022 – Jan 2023
Hyderabad, India |

SKILLS

Flutter Developer ● ● ● ● ●

Expertise in UI design with a focus on delivering aesthetically pleasing and functional applications.

Machine Learning

Proficient in implementing machine learning algorithms such as Linear Regression, Support Vector Machines (SVM), LightGBM (LGBM), and K-Nearest Neighbors (KNN). Skilled in developing and training Artificial Neural Networks (ANN) for diverse applications, ensuring robust and efficient model performance

State Management ● ● ● ● ●

Proficient in implementing state management solutions, particularly skilled in Provider and Getx libraries, to enhance the efficiency and maintainability of Flutter projects.

Firebase ● ● ● ● ●

Extensive knowledge in implementing secure authentication, push notification systems, and real-time database solutions using Firebase.

Java

Solid understanding of Object-Oriented Programming (OOP) concepts, coupled with hands-on experience in Java Swing for developing sophisticated user interfaces.

Data Pre-Processing ● ● ● ● ●

Experience in data preprocessing with a focus on ensuring clean, accurate, and insightful datasets for effective machine learning model training.

Deep Learning ● ● ● ● ●

Skilled in leveraging a variety of deep-learning models for classification tasks. Experienced in selecting and implementing appropriate models to achieve accurate and efficient classification results across diverse datasets and domains.

REST API ● ● ● ● ●

Demonstrated expertise in integrating REST APIs into Flutter applications, ensuring smooth communication with external services.

Front End web Developer ● ● ● ● ●

Front-end: Advanced proficiency in HTML, CSS, Bootstrap, JS, and jQuery for creating responsive and dynamic user interfaces.

Design Pattern ● ● ● ● ●

Proven proficiency in applying and implementing various design patterns for crafting scalable and maintainable software solutions

EDUCATION

Bachelor of Science in Software Engineering,

Comsats University Islamabad Abbottabad campus [!\[\]\(a8ff699ced33317c53c86f9bf3171905_img.jpg\)](#)

2020 – present
Abbottabad, Pakistan

DAE Electrical, Government College of technology Abbottabad

With Grade A

2017 – 2020
Abbottabad, Pakistan

SSC, Oxford Science School And College Chokara Karak

With Grade A

2016 – 2017
Karak, Pakistan

PROJECTS

Advanced Bone Marrow Cell Classification Application

I have developed a sophisticated application designed to aid haematologists, pathologists, researchers, and educators in classifying bone marrow cells. The application leverages advanced image analysis to accurately identify and classify various cell types, supporting diagnosing and monitoring blood diseases such as leukaemia, anaemia, and myelodysplastic syndromes.

Uniyo [↗](#)

Developed the Uniyo app to streamline service provision and booking for customers and service providers. The app offers comprehensive functionalities including user authentication, service management, search and booking capabilities, payment processing, and notifications. It supports future enhancements like adopting Clean Architecture, integrating secure data handling practices, and enabling dynamic QR-based bookings.

Complaint Application for Resudentail [↗](#)

Created a Complaint App for Residential Users where they can complain about their problems related to electricity plumber services etc

Coffee shop Desktop Application, Created desktop Application in java As a semester project [↗](#)

BMI Calculator [↗](#)

Calculator, Calculator with basic functionalities [↗](#)

TODO App, Todo app using provider as a state management [↗](#)

Covid-19 tracker App, Using API Integration [↗](#)

CERTIFICATES

- Computer Operator
- JavaScript
- Flutter
- Python [↗](#)