

# ZAHID PARVIZ

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## Education

### University of Gujrat

Bachelor of Science in Computer Science

August 2020 – July 2024

Gujrat, Punjab

## Experience

### Associate Software Engineer

Devsinc

January 2025 – Present

Lahore, Punjab

- Working with Microsoft Dynamics 365 CE, Azure Data Factory, JavaScript, and .NET technologies for enterprise solutions
- Independently managing end-to-end project for U.S.-based client, demonstrating leadership and technical expertise

### Web Developer

Biology Circle

June 2024 – September 2024

Remote

- Developed complete academic journal system using Open Journal Systems (OJS) with PHP, MySQL, and custom styling
- Engineered custom functionalities by overriding core system code to meet unique publishing requirements

## Projects

### NutriAI - Smart Nutrition Tracker | Flutter, Google Gemini Pro Vision API, Firebase

Nov 2024 – Dec 2024

- Developed AI-powered nutrition app with 19-step onboarding and Google Gemini Pro Vision API for food image analysis
- Achieved 94% accuracy in calorie estimation through advanced computer vision and machine learning algorithms

### Health Colon Quest (HCQ) | Flutter, Firebase, AI Chatbot, Google Maps API

May 2024 – Jul 2024

- Published healthcare app on Apple Store & Google Play Store for colon cancer awareness reaching 1000+ users
- Implemented location-based clinic searches, appointment scheduling, and AI-powered health assistant
- Apple Store — Play Store

### Intelligent Waste Classification System | Flutter, CNN, TensorFlow, Python

Nov 2023 – Present

- Trained CNN model achieving 94% accuracy in waste classification using Google Colab GPU services
- Developed Flutter app with TensorFlow Lite for on-device inference and recycling recommendations
- GitHub — App Link

### Two-Wheeled Self-Balancing Robot | Arduino, MPU6050, PID Control, C++

Final Year Project 2024

- Engineered autonomous balancing robot using MPU6050 sensors and custom PID control algorithm
- Developed Flutter companion app for wireless control via Bluetooth and real-time telemetry monitoring

### E-Voting Application | C# .NET, MS SQL Server, Windows Forms

Feb 2023

- Created secure desktop voting application with multi-role authentication and real-time result tracking
- GitHub Link

## Technical Skills

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

Frameworks & Technologies: Flutter, .NET, React.js, TensorFlow, Firebase, Microsoft Dynamics 365 CE

Tools & Platforms: Azure Data Factory, VS Code, Android Studio, GitHub, Google Colab, Arduino

AI/ML & APIs: CNN, Deep Learning, Google Gemini API, TensorFlow Lite, REST APIs, Computer Vision

## Achievements

### National Creative Business Idea Competition

2024

1st Place Winner

FAST University, Pakistan

- Secured 1st place among participants from 55+ universities across Pakistan for robotics-based startup pitch
- Recognized for innovative business idea combining AI, robotics, and practical applications

### Open Source & Publications

2022 – Present

- Maintained 100+ GitHub repositories with 5+ published apps on Google Play Store and Apple App Store
- AI For Everyone (Coursera), Supervised Machine Learning (Stanford), Version Control, Introduction to SQL