Faizan Maqbool
Full Stack Developer

Islamabad, 45230, Pakistan| faizanmaqbool046@gmail.com | +92 342 5957917 | LinkedIn: Faizan Maqbool | github.com/Faizan-Maqbool | https://faizan-portfolio-application.vercel.app

SKILLS

Languages: JavaScript, Dart, Python, Java, MATLAB, C++, C#, Web: HTML, CSS.
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Flutter, MongoDB, TensorFlow, Keras, Pandas, NumPy.
Tools: Jupyter Notebooks, AWS, Git, unit testing, Postman, Docker, NoSQL, Android Studio, Firebase.

Work Experience

Medical Imaging and Diagnostic Lab (NCAI) – Web Development Intern   **Sept 2025 – Nov 2025**
— Lead the development of **RxScan**, an AI-powered MERN web platform for medical OCR and AI based report interpretation, deployed for international healthcare use.
— Oversaw team coordination, deployment, and optimization of a scalable, production-ready AI system**.**

EA Sports – Software Engineering Virtual Intern   **Sept 2025**
— Improved code efficiency by 45% and system performance by 70% through end-to-end project implementation and debugging on Fortune AI.

Programming Tutor (Remote – Freelance)   **June 2022 – Present**
— Tutored 30+ students remotely in programming, improving average coding proficiency by 40%.

Community , Leadership & Research Experience

Research Circle – Lead Software Engineering   **August 2025-Present**

EDUCATION

COMSATS University Islamabad
B.S. in Computer Science (Graduated January 2026)

— **Concentrations:** Full stack development.

— **GPA:** 3.50 /4.00

— **Related Coursework:** Advance Web Technologies, Mobile app Development, DevOps, CI/CD Automations, Machine Learning, Artificial Intelligence, Artificial Neural Network, Statistics, Data Structures & Algorithms, Object-Oriented Programming, Design and Analysis of Algorithms.

PROJECTS

CardioLink – AI-Based Cardiac Health System
Technologies: React, Flutter, Node.js, Express, Socket.io, MongoDB, JWT, Python, TensorFlow, OpenCV.
— Developed a full-stack AI-based healthcare cross platform Application to predict cardiac conditions (e.g., angina, MI) using CNNs trained on ECGs, echo scans, and heartbeat audio with 92% model accuracy.
— Integrated real-time chat , secure JWT authentication, REST API, AI chatbot, health tracker with AI based Report Generation, one click Ambulance service, Automated Pharmacy and video consultation features, supporting 500+ active users.

Studify – AI-Powered Productivity App
Technologies: Flutter, Dart, Firebase, Gemini API, Google ML Kit
— Developed a mobile productivity app for students with smart AI chat, real-time generated quizzes, OCR, and voice search using ML Kit and Gemini API.
— Enabled secure offline PDF generation with encryption and scaled data storage to handle 10,000+ records via Firebase.

Realtime Chat Application
Technologies: MERN Stack, Socket.io, JWT, Zustand, TailwindCSS, DaisyUI
— Built a responsive, real-time chat app with MERN stack featuring secure login/logout (JWT) and achieving instant message delivery under 100ms using Socket.io.
— Managed global state via Zustand and designed UI that resulted in 30% improved mobile retention through TailwindCSS.

YOLO-Based Car Detection System
Technologies: Python, OpenCV, YOLOv5, NumPy
— Built a real-time vehicle detection system processing 15+ FPS live video, leveraging YOLOv5 and OpenCV.
— Turned model parameters, boosting detection precision by 18% over baseline in testing scenarios.

Certifications & Professional Development

CCNAv7: Introduction to Networks   *Cisco Certified Network Associate -Dec2023*