

# Fariya Khan

## Software Engineer

As a determined software engineering student, my primary focus is on continuously learning new technologies and skills. I am highly motivated to join a forward-thinking firm that prioritizes growth, where I can make valuable contributions while advancing my career development.

## EXPERIENCE

### Pakistan Council of Scientific and Industrial Research Laboratories, Karachi

#### Data Science Intern

Sep 2022 – Oct 2022

- Developed a Retinal Vessel Segmentation model on a private dataset using TensorFlow achieving 97% accuracy.
- Developed a Diabetic Retinopathy Classification model through transfer learning to identify its severity and achieved 85% accuracy. Developed a Diabetic Retinopathy Classification model through transfer learning to identify its severity and achieved 85% accuracy.

### Folio3, Karachi

#### Software Intern

June 2022 – Aug 2022

- Summer intern, gaining hands-on experience in software engineering practices such as wireframes, prototypes, UI/UX design, project lifecycle management, UML diagrams, project management, and specification writing.
- Developed skills in web development, specifically in React and Redux, while also learning QA testing techniques.

### Sui Southern Gas Company Limited, Karachi

#### IT Intern

Sept 2021 – Oct 2021

- Learned the Oracle ERP system, and the modules which SSGC has implemented.
- Development and upkeep of SSGC website and an understanding of the databases operated there and the data management.

## PROJECTS

### Healthcare mobile App and website (Dakter Saab)- FYP

- Developed a user-friendly mobile app (React Native) and web-based platform (React.js, Node.js, Express.js, MongoDB) that streamline the search for doctors, blood banks, and pharmacies for patients.
- Improved operational efficiency for healthcare service providers while enhancing convenience and healthcare access.
- Developed sophisticated search capabilities and location-based functionalities to enhance user satisfaction and minimize waiting times in queues.

### Pixbay

- Image transformation web app based on Computer Vision. Developed a software that uses Python's Digital Library tools to colorize, blur, and transform images in various styles.

### interiAR

- Augmented Reality Mobile App. Flutter, Dart, and AR Core were used to create a virtual furniture store where customers could view the furniture before buying it using their cameras.

### F&F House of Guns

- Responsive Website for Licensed Supply of Arms. Developed an ecommerce website for arms and ammunition using HTML, CSS, JS, VANILA JS, SQL and PHP.

### Hit The Net

- A 3D basket-ball game using Unity Engine and C#.

## CONTACT

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[0557a921b/](https://www.linkedin.com/in/fariya-khan-0557a921b/)

[github.com/fariyakhan11](https://github.com/fariyakhan11)

## SKILLS

### Web Development:

- HTML, CSS, JS
- SQL, MySQL
- React JS
- React Native
- Mongo DB

### Languages:

- Python
- C++
- C#

### Data Science:

- NumPy
- Pandas
- Matplotlib
- Tensor flow, Keras
- MATLAB, OpenCV

### Other:

- Git, Git Hub
- MS Office

## EDUCATION

### NED University of Engineering & Technology

2019 — 2023

Bachelor of Engineering in

Software Engineering

CGPA – 3.75

### BAMM PECHS Govt College for Women

2017 — 2019

Pre-Engineering with A-One grade

## COURSES

### Udemy

- C++ Scientific Programming Bundle
- Scientific Programming Bundle
- SQL- The complete introduction
- Python Scripting
- React JS- Complete Guide for Frontend Web Development
- Computer Vision Basics