





# LAIBA KHALIL

## SOFTWARE ENGINEER

### CONTACT

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### SOFT SKILLS

- Teamwork
- Problem Solving
- Communication
- Analytical and Logic Building
- Googling and Browsing

### TECHNICAL SKILLS

- Programming Languages (C++, Java, Python, JS)
- Frameworks/Libraries (React JS, FastAPI, Bootstrap, Tailwind CSS, ExpressJS, RTK query)
- Databases (MySQL, MongoDB)
- Software Documentation (Design Document and SRS)

### PARTICIPATION

#### PUCIT Event Management Society

Successfully organized Job Fair 2024 along with other team members

#### HacktoberFest 2024

#### Gssoc'24 EXT

#### Rang-e-Bahaar Photography Society

### EDUCATION

#### Punjab University College of Information Technology, Lahore

2021-Present

BS in Software Engineering  
CGPA : 3.87/4.00

#### Superior College

2019-2021

Fsc Pre Engineering  
Percentage: 99.36%

### PROJECTS

#### SmartPrep FARM stack October 2024 - present

- Developed a mock interview platform using FARM stack
- Leveraged Mistral AI to generate interview questions and analyze user responses
- Implemented deep learning and computer vision to assess user confidence based on facial expressions.
- Utilized RTK Query for API state management and Redux for global state management.
- Integrated JWT authentication for secure user access and Zod with ESLint for form validation and code consistency.

#### ZoroChat ReactJS July 2024

- Built a real-time chat application using ReactJS, Bootstrap, and Firebase.
- Users can create profiles, chat with friends, and send pictures instantly.
- Integrated Firebase Authentication and Firestore for secure messaging and data storage.

#### Blog Application MERN stack September 2024

- Developed a blog platform using MERN stack, Tailwind CSS, and TypeScript.
- Users can create profiles, browse blogs, write new blogs, and edit their posts.
- Implemented responsive design with Tailwind and seamless CRUD operations with MongoDB and Express.

#### Hospital Management System Java April 2024 - June 2024

- Developed a Hospital Management System using Bootstrap and Java.
- Implemented secure user authentication and role-based access control.
- Managed MySQL databases for patient records, appointments, and doctor information.
- Created dynamic web pages for booking appointments and managing hospital operations.

### CODING ACHEIVEMENTS

- Solved 470+ problems on LeetCode, GeeksForGeeks and CodeStudio
- Successfully contributed to multiple open-source projects during Hacktoberfest 2024 and GSSOC'24 ext, collaborating with diverse teams on GitHub.