# Ali Hasnain

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📍 **Home:** Lahore (Pakistan)

## WORK EXPERIENCE

### Trainee Consultant
*Systems Limited* [ 3 Apr 2023 – Current ]

**City:** Lahore
**Country:** Pakistan

- Proficient in React Native, leveraging its component-based architecture to craft pixel-perfect user interfaces for both iOS and Android platforms.
- Skilled at seamlessly integrating third-party libraries and APIs within React Native applications.
- Proficiently architected and managed RESTful APIs using Node.js.
- Collaborated with UI/UX designers to implement responsive and user-friendly interfaces.
- Implemented state management using Redux, ensuring efficient data flow and application scalability

### Software Engineer Intern
*Systems Limited* [ 10 Aug 2022 – 31 Mar 2023 ]

**City:** Lahore
**Country:** Pakistan

- Provided technical support for existing projects, effectively addressing and resolving issues.
- Received training and mentorship in industry leading technologies for Web Development and Mobile Development
- Received training in Linux and Docker to enhance technical proficiency in CI/CD.

### Software Engineer Intern
*Queper Technologies* [ 1 Dec 2021 – 31 Jul 2022 ]

**City:** Multan
**Country:** Pakistan

- Collaborated with senior developers and cross-functional teams to design, develop, and maintain applications using React Native
- Designed pixel-perfect interfaces for different forms, Data mapping screens, Validation, Loading components.
- Conducted frontend-to-backend integration for APIs, databases, and third-party APIs.
- Demonstrated proficiency in both front-end and back-end development, ensuring seamless integration of user interface and server-side functionalities.

## EDUCATION AND TRAINING

### BS Computer Science
*NFC Institute of Engineering and Technology* [ 10 Oct 2018 – 20 Jul 2022 ]

**City:** Multan
**Country:** Pakistan
**Website:** https://www.nfciet.edu.pk/

## ACADEMIC PROJECTS

**e-Services (Final Year Project)**

- Developed a feature-rich home service finder and provider app using React Native.
- Integrated Google Maps API to provide accurate location-based services.
- Implemented a secure OTP verification system to enhance user account security.
- Designed and integrated a real-time tracking feature.
- Implemented push notification functionality.
- Utilized Firebase Realtime Database to efficiently store and manage users.

**Facial Recognition using AI**

- Developed a Face Recognition Attendance system using OpenCV and Python, demonstrating proficiency in accurate face detection and landmark identification.
- Automated attendance tracking through face-based identification, improving efficiency and accuracy in attendance management.
- Applied problem-solving skills to address challenges in image preprocessing, feature extraction, and model training, showcasing practical expertise in computer vision and deep learning

**Attendance Management Systems - Android Application**

- Developed an Android application using Java for efficient attendance tracking.
- Utilized PHP for server-side scripting, creating a secure backend for data management.
- Implemented real-time data synchronization, ensuring up-to-date attendance records.
- Designed a MySQL database to store and manage attendance data securely.
- User-friendly interface for both students and faculty members, enhancing accessibility.
- Implemented secure user authentication mechanisms to control access to attendance data.

## PROJECTS

**Ecommerce - Mobile & Web Application**

- Developed a robust and scalable eCommerce application using React Native as a front-end and Express.js as a back-end.
- Built RESTful APIs using Express.js for rapid development.
- Implemented middleware techniques to enhance API functionality and security.
- Utilized MongoDB for efficient data storage and management, ensuring data consistency and reliability.

**Real Estate Mobile Application**

- Developed a real estate dashboard app using React Native, delivering a user-friendly interface for property listings.
- Implemented data retrieval and manipulation features.
- Collaborated with cross-functional teams to enhance app performance and user experience through regular updates and feature enhancements.

**Tourism Mobile Application**

- Developed React Native tourism mobile app
- Integrated Firebase for real-time sync and user authentication
- Utilized PostgreSQL for efficient database management
- Implemented scalable Node.js backend for logic and API integration
- Integrated Google Maps API for dynamic mapping features

## HONOURS AND AWARDS

**Software Engineering Job Simulation**
JPMorgan Chase & Co. [ 1 Nov 2023 ]

**React Native**
Meta [ 2 Sep 2023 ]

**React**
Udemy [ 20 Mar 2023 ]

**NodeJS**
HackerRank [ 14 Nov 2023 ]

**JavaScript**
HackerRank [ 20 Oct 2023 ]

## DIGITAL SKILLS

Javascript(Nodejs, ExpressJs)  /  C C++ C Language  /  React Frame Work  /  React,React Native  /  NodeJS (TS & JS)  /  RESTful api  /  Mongodb / Mongoose  /  JavaScript  /  Databases (MySQL, PostgreSQL, Oracle)  /  Node.Js, React.Js  /  Web Development  /  Git & Githubs  /  Object-Oriented Programming

## LANGUAGE SKILLS

Mother tongue(s): **Urdu**

**Other language(s):**

**English**

**LISTENING** C1  **READING** C1  **WRITING** C1

**SPOKEN PRODUCTION** C1  **SPOKEN INTERACTION** C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*