

KHADIJA IQBAL

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Education

Comsats University Islamabad

Bachelor of Science in Computer Science

Sep. 2020 – July 2024

Islamabad

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Tekrowe Digital

Full Stack Developer

July 2024 – Present

Islamabad, Pakistan

- Led the development of multiple full-stack applications across diverse domains including ride-booking, food delivery, social media automation, and aviation.
- Developed a ride-booking mobile app (Zoom Cars) using React Native with Stripe integration, Google Maps, and real-time fare estimation APIs.
- Built a food ordering dashboard (Foodies First) in React.js, enabling efficient menu/product management and schedule-based menu publishing.
- Implemented an AI-powered newsletter system (ERGO) for X (Twitter), automating tweet aggregation, categorization, and distribution.
- Contributed to backend development of an aviation platform (Aerotech) using Next.js and PostgreSQL, with real-time data sync, invoicing, access control, and automated email notifications.

Svype

Full Stack Developer

May 2023 – May 2024

Remote

- Designed and developed both the front-end and back-end of *Tabibi*, a virtual healthcare application enabling online doctor-patient consultations.

Texinity Technologies

Full Stack Developer Intern

February 2023 – April 2023

Remote

- Developed a full-stack mobile application *ToDoList-React-Native* using React Native for both frontend and backend functionality.
- Followed component-based architecture and applied best practices in React Native development.
- Tested and debugged across devices to ensure seamless performance and user experience.

Creative Tech Solutions

Front End Developer Intern

June 2022 – September 2022

Islamabad, Pakistan

- Developed front-end interfaces for multiple client websites using HTML, CSS, Bootstrap, Tailwind CSS, and React.js.
- Built responsive and user-friendly UIs aligned with modern web design practices.
- Contributed to projects including: *Car Sale*, *Digital Wallet Monitor Portal*, *Legin-Finance*, and *Sneaker-Care*.
- Collaborated in a fast-paced environment with developers and designers to meet client requirements.

Projects

Zoom Cars (Ride Booking) | React Native, Stripe, Google Maps

- Developed a mobile ride-booking app using React Native.
- Integrated Stripe for payments, Google Maps for location services.
- Implemented APIs for calculating real-time distance, time, and fare estimations.

Foodies First (Food Ordering System) | React.js

- Developed a web dashboard using React.js for food ordering.
- Enabled menu and product management for vendors.
- Implemented menu scheduling with dynamic product listings.

Twitter Newsletter ERGO (AI) | *AI, Automation*

- Built an automated newsletter system that fetches trending tweets.
- Used AI to group related tweets and generate readable newsletters.
- Automatically sends newsletters to relevant recipients.

Aerotech (Aviation Management) | *Next.js, PostgreSQL*

- Worked on backend services for flight management and invoicing.
- Implemented airport/aircraft info management and access control.
- Added real-time data synchronization, email notifications, and booking confirmations.

Study Hub (Mobile App) | *React Native, Firebase*

- Contributed to mobile app that assists students by converting images into interactive 3D models for better conceptual understanding.
- Developed features to auto-generate slides and notes from user-input topics.
- Implemented dynamic quiz difficulty adjustment based on user performance to enhance personalized learning.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, SQL

Frameworks/Technologies: React.js, React Native, Next.js, Redux, Node.js, Express.js, Nest.js, Firebase

Databases: PostgreSQL, MongoDB, DBeaver

Tools: Git, GitHub, VS Code, Firebase

Functional Skills: Code Development Optimization, Project Execution Support, Client Communication, Code Review Participation, Continuous Learning & Improvement