

Ramisha Anwer Arain

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EDUCATION

National University of Sciences and Technology, Islamabad

09/2020 - Present

- Bachelor of Software Engineering – 3.28 CGPA
- Relevant modules: Object Oriented Programming (A), Operating Systems (A), Data Warehousing and Mining (B+)

RELEVANT EXPERIENCE

Elite IT Team | Associate Software Engineer (MERN Stack) | Manchester, England (Remote)

08/2023 – 02/2024

- Translated stakeholder needs into detailed design documents, facilitating a streamlined development process and ensuring a 30% reduction in project timeline.
- Conducted regular international client meetings, understanding their requirements and presenting project progress, resulting in a 20% higher project approval rate.

Client 1: Business Simulation Application

1. Developed a Business Simulation Application, encompassing both user-side and admin panel aspects using React and Node.js, providing business students with practical real-time business exposure.
2. Introduced new features such as Business Wallet, contributing to a 40% increase in user interactions and task completion rates.

Client 2: Manufacturing Facility Management System

1. Developed an Inventory and Job Management System for a Berlin-based manufacturing facility, utilizing React and Node.js, leading to optimized inventory control, job monitoring, and improved operational efficiency.

Markaz Technologies (YC W22) | Web Engineer Intern | Islamabad, Pakistan

02/2023 – 05/2023

- Redesigned the admin portal for sales, product, and customer support teams, using ReactJS and RESTful APIs, resulting in a 30% increase in efficiency.
- Implemented a feature for automatic generation of order sheet and load sheet using Node.js and MongoDB, which saved the company over 200 man-hours per month.
- Integrated third-party APIs, including payment gateways and shipping providers, to streamline the ordering process and improve customer satisfaction.
- Implemented automated testing using Selenium and Mocha, resulting in a 50% reduction in bugs and faster deployment times.

Sem3 Technologies | React Developer | Berkeley, California (Remote)

07/2022 – 11/2022

- Developed a Figma to React Automator using ReactJS, Node.js, and Figma API, which automatically generated React components from Figma design files, resulting in a 60% reduction in manual work.
- Worked with XML/JSON data models and integrated them with REST APIs to fetch and display dynamic data on the front-end using ReactJS and Axios.
- Developed and deployed SaaS applications on AWS using EC2, RDS, and S3, resulting in a scalable, secure, and cost-effective solution.

SehatBase | Frontend Developer Intern | Islamabad, Pakistan

06/2022 - 08/2022

- Developed three major modules of SehatBase website using ReactJS and Material-UI, resulting in a more user-friendly and efficient website.
- Automated delivery of patient's report using WhatsApp API, reducing manual effort, and improving the speed and accuracy of report delivery.

Upwork | Freelancer | Remote

02/2022 – 01/2023

- Worked as a full stack developer for international clients, including eBay and Carrefour.
- Achieved a 90% customer satisfaction rate by delivering tailored solutions and ensuring effective communication with clients.

ACHIEVEMENTS AND CERTIFICATIONS

- Hacktober Fest 2021 - Digital Ocean
- GoGirl Coding Challenge Winner 2022
- Global Ambassador 2022 - WomenTech Network
- Front End Web Developer Nanodegree - Udacity
- Cloud Seekho 2021 - Google Developer Group
- Serverless Cloud Run Development - Qwiklabs

VOLUNTEER WORK

Exhibitor | Future Fest'24

01/2024

- Showcased cutting-edge AR and VR products at Pakistan's largest tech conference, engaging with over 500 conference attendees, contributing to increased brand visibility and recognition within the tech community.
- Proactively engaged with prospective clients at the booth, providing personalized consultations on AR/VR, Web development and other services tailored to their needs.

Press Secretary | Hack Club NUST

04/2022 - 04/2023

- Conducted 4-day IT workshops on Github and open-source software for students during Hacktober Fest '21.
- Conceptualized and organized Hack Club Day, a creative event aimed at promoting the club's mission and activities.
- Guided and mentored participants in CODEFEST '21, the largest hackathon at NUST, by providing support with problem statements and technical assistance.

PERSONAL PROJECTS

- **FreeFlow: A No-Code Web App Builder**

FreeFlow is an LLM-based no-code web app builder that takes prompts from a user, generates code, and builds the app in real-time. The goal of FreeFlow is to allow the user to create a web app, start to finish, using AI prompts in an online IDE. The value proposition of FreeFlow is its structured prompting system, which maintains prompt quality, brings consistency to code written, and tests the code automatically.

Technology Stack: OpenAI GPT API, Finetuning, React JS, React DnD.

- **Trip Mate**

Trip Mate is a web-based travel companion application that helps users find food and dining places, hotels, and attractions around them. The application allows users to filter locations based on rating and displays the weather in the area using OpenWeatherMap API. It uses the Google Maps API to display locations and allows the user to select a location to view details such as ratings, reviews, and photos. The application also allows users to save locations as favorites for easy access in the future.

Technology Stack: ReactJS , Material UI, Google Maps API, Rapid API.

- **NUST Connect**

NUST Connect is a web-based platform developed using the MERN stack, providing a professional job-seeking and networking platform for NUST students and alumni. The platform allows users to create a profile, search and apply for job opportunities, and connect with industry professionals and NUST Placement Office. It also features a secure login and registration system, implemented using JSON Web Tokens (JWT) and bcrypt hashing. Users can create and manage their profiles, upload their resumes, and apply for job opportunities posted by recruiters.

Technology Stack: ReactJS , Express.js, Node.js, MongoDB, Redux, Firebase.

ACTIVITIES AND INTERESTS

Technical Skills: JavaScript, ReactJS, Node.js, Express.js, MongoDB, Tailwind CSS, MySQL, PostgreSQL, Redux, AWS S3, AWS EC2, AWS Lambda, REST APIs, Postman, Git, GitHub, Jira, Agile Methodology.

Soft Skills: Time management, Effective Communication, Problem-solving.

Languages: Fluent in English and Urdu.

Interests: Content writing, Video editing, Photography, Badminton.