

# MUHAMMAD AHSAN GHAFOR

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## OBJECTIVE

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Motivated IT graduate with hands-on experience in MERN stack development and working on various different projects. Passionate about continuous learning and driving team success. Equipped with a strong foundation in MERN stack technologies, I am poised to bring valuable contributions to your organization's development initiatives.

## EDUCATION

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### BS(Hons)IT

University of Punjab

2018-22

### Intermediate

Punjab College Depalpur

2016 - 2018

## EXPERIENCE

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### MERN Stack Developer

Softtik Technologies

Mar 2023 - Present

*AL-Hafeez Executive, Lahore*

### MERN Stack Trainee

TechLift

Jan 2023 - Mar 2023

*Peak Solutions, Lahore*

## PROJECTS

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### Nifty - NFT Marketplace [ MongoDB, ExpressJS, ReactJS, NodeJS ]

- Developed the real-time Notifications module for Nifty, a marketplace similar to OpenSea.
- Implemented the push notification functionality to provide users with instant updates on their transactions, resulting in improved user engagement and timely information delivery.
- Collaborated with the frontend team to integrate the Notifications module seamlessly into the existing user interface, ensuring a cohesive and user-friendly experience.
- Utilized technologies such as ReactJS, ExpressJS, NodeJS, and MongoDB to build the backend infrastructure for handling notifications and data management.

### CANTOVERSE - Backend Development [ExpressJS, MongoDB, NodeJS, AWS]

- Contributed to the backend development of CANTOVERSE, a Unity game.
- Designed and developed secure RESTful APIs for player authentication, enabling a seamless and secure login experience for players.
- Implemented APIs for rewarding players based on their in-game achievements, enhancing player motivation and satisfaction.
- Developed the API endpoints for facilitating dual battles between players, ensuring fair gameplay and real-time updates.

### MODERN POKER CLUB - Backend Development [ExpressJS, MongoDB, NodeJS, Socket.io]

- Played a key role in the backend development of MODERN POKER CLUB, a replica of Global Poker.

- Implemented user authentication APIs, ensuring secure access and protecting user data within the platform.
- Developed API endpoints for game creation, management, and joining, enabling players to seamlessly participate in various poker games.
- Designed and implemented APIs for tournament registration, allowing players to compete in organized poker tournaments.
- Created an API for recording and retrieving player history, providing a comprehensive record of their gaming activity.

### **MODERN POKER CLUB - Admin Panel Development** [ReactJS, ExpressJS, MongoDB, NodeJS, AWS]

- Currently involved in developing the Admin Panel for MODERN POKER CLUB, leveraging expertise in both frontend and backend development to deliver a robust and user-friendly interface for administrators.
- Responsible for creating an intuitive and user-friendly interface for administrators to manage games.
- Implemented admin authentication using Meta Mask for secure login.
- Integrated backend RESTful APIs for creating, viewing, updating, and deleting different game types into the ReactJS frontend of the admin panel.
- Ensured seamless communication and synchronization between the admin panel and game management functionalities.

### **E-commerce Website** [ExpressJS, ReactJS, MongoDB, NodeJS]

- Contributed to the development of an E-commerce website.
- Implemented a user registration and login system, ensuring secure access and personalized user experiences.
- Developed product browsing and search functionality, allowing users to easily find desired products.
- Integrated a shopping cart functionality for adding and removing products, enabling seamless and convenient online shopping experiences.
- Designed and implemented product detail pages with comprehensive product descriptions, high-quality images, reviews, and pricing information.

### **Donate Happiness - FYP** [ExpressJS, ReactJS, MongoDB, NodeJS]

- Played the role of a backend developer in the Donate Happiness university project.
- Developed a user registration and login system, ensuring secure access for donors and campaign organizers.
- Implemented campaign browsing and search functionality, enabling donors to find relevant campaigns easily.
- Created a blood donation feature that allowed donors to register needy individuals for donation requests, facilitating the process of matching donors with those in need.
- Developed an email notification system to provide regular updates on donation status, campaign progress, and blood donation activities.

## **SKILLS**

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HTML

CSS

JavaScript

Node.js

ExpressJS

ReactJS

MongoDB

Redux