

Ahmad Yasir

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Professional Projects

FULL STACK DEVELOPER

Dec2023 - Present

- **KJ-GROUPS [Link](#)**: Developed a comprehensive React-based portfolio site showcasing four restaurants under KJ Groups. The site integrates Stripe for payment handling, reservation systems, and a unified Admin panel.
- **Soul Sushi [Link](#) & Korean Munchies [Link](#)**: Implemented a food ordering and menu management system with Stripe payment integration, improving order management efficiency by 40%.
- **Korean BBQ Edinburgh [Link](#) & Korean BBQ Dundee [Link](#)**: Develop Designed and deployed table reservation systems, reducing manual booking time by 50%.
- **Unified Admin Panel**: Created a centralized admin panel for managing orders and reservations across all restaurants, increasing operational efficiency by 35%.
- **Technologies**: React, Node.js, Sequelize SQL, Vercel (deployment), Supabase SQL.

Professional Experience

DEVCLUBM, FAISALABAD

INTERNSHIP

2023

- Built a web portal to automate ordering processes for a Canada-based home food service, reducing order processing time by 20%.
- Developed enterprise-level MERN stack application, improving performance by 20%, and managed codebase with Git.

Education

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES, PAKISTAN

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

2019 - 2024

Educational Projects

- **UML Class Diagram Compiler (FYP)**: Developed a web application automating UML-Class-Diagrams into skeleton code, improving the development cycle for software design
 - Achieved 90% accuracy in syntactic and semantic diagram verification.
 - Features include an XML-to-string converter, UML compiler, and code generator.
- **Air Pollution Analysis**: Built a Python-based data analysis project for air pollution metrics.
 - Conducted exploratory data analysis (EDA) on PM 2.5 concentration data (2016-2022) with Pandas and Matplotlib.
 - Achieved 85% accuracy using linear regression and logistic regression models on pollution prediction.
- **Real Time Data Collector App**: Created an Android application for GPS data collection.
 - Enabled real-time data storage and retrieval using Firebase, improving data logging efficiency by 30%.
- **Dictionary Windows App**: Developed a dictionary application using C# with AVL tree and hash table.
 - Enhanced search efficiency, reducing lookup times by 50%.

TECHNICAL SKILLS

- Programming Languages: C++, Typescript, Javascript, Python
- Databases: PostgreSQL, MongoDB, SQL, MySQL, Firebase
- Frameworks/Libraries/Tech Stack: React, Node.js, NextJs, Express, CI/CD Tools
- CSS Libraries: Bootstrap, Tailwind, Material-Ui
- Others: Data Science, Data Analysis, Algorithms, GIT, Version control, Postman

Leadership & Extracurricular Activities

- Daira (2022): Head of transportation management and Co-head of Daira22 Marketing team.