

Muhamamd Hassan Raza

Full Stack Developer

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Work Experience

Software Development Lead

PIA (Pakistan International Airlines) - Part Time
MAY 2023 - MAY 2024 (1yr 1mo)

- Led the development of Crew Operations Management system, honing my project management skills through task delegation, timeline adherence, and successful system launch.
- Encountered data integration challenges during Crew Operations Management system development. Collaborated with senior developers at PIA to implement a solution, ensuring seamless data flow.

Intern

PIA - Internship
JUN 2022 - SEP 2022 (3 Months)

- Solidified foundational skills in Web Development during an internship with Pakistan International Airlines.

Education History



Bachelor of Science in Computer Science
Air University, Islamabad
2020-2024



Intermediate - ICS - Punjab Group of
College, AJK.
2018-2020

Certifications



Oracle Cloud Infrastructure (OCI) Data
Science Professional 2023



Oracle Cloud Data Management 2023
Certified Foundations Associate



Certificate of Participation in Codeagoda
2023 - International Coding Competition

Skills

- PHP
- Javascript
- HTML/CSS
- MySQL
- React
- Python (Pandas, Numpy, Scikit-Learn)
- C++

Projects

1- COMS (Crew Operations Management System) - FYP project

- Project Goals:** Ensured adherence to aviation rules & client requirements for crew operations management system.
- My Role:** Led development team for Crew Operations Management System (FYP project).
- Major Functionalities:** Audit & reporting, crew availability suggestion & publication for flight delays.
- Technologies:** WAMP stack (PHP w/ CI-v3), jQuery, HTML/CSS.
- Achievements:** Streamlined crew management & potentially improved flight operations efficiency.

2- ShopIt - Personal Project

- Web based SaaS application to start your own store in few steps by choosing template, adding details and products and details.

3- Traffic Prediction System - python

- Developed traffic prediction system using historical data and Google Maps to forecast traffic patterns.