

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



Supervised Machine Learning: Regression and Classification - Stanford

Projects

1- InvoCraft - Invoicing software with customer management

- Live site:** invo-craft.us.to
- Major Functionalities:** Customized Invoices & quotations, Customer Management, Inventory Management, PGI (Payment Gateway Integration).

2- 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.

3- Traffic Prediction System - python

- Developed traffic prediction system using historical data and Google Maps to forecast traffic patterns.
- Link:** [github/hassixmalik](https://github.com/hassixmalik)

Skills

- MVC Frameworks (CodeIgniter, Laravel)
- PHP
- JavaScript (ES6+, React)
- HTML/CSS
- MySQL (Database Design, Query Optimization)
- React
- Python (Pandas, Numpy, Scikit-Learn)
- Version Control (Git, GitHub)
- Project Management (Agile, Scrum, Jira)