



# Iqra Waqas

Front End Web Developer

- +61 483043896
- iqra\_waqas@outlook.com
- Melbourne, Australia

## PROFESSIONAL OBJECTIVE

My passion for information technology started when I was very young and was the clear choice for study and a career. To build a career in the field of IT and Computer Science I seek a role to grow both professionally and practically. I want to utilize my knowledge for the betterment of the company and my personal growth. Professionally capable of working independently with minimum supervision as well as in a team as long as daily goals are clear and fulfilled. A strong leader of complete integrity with excellent communication skills and strong academic record, who is technically sound, team-player, bright, fearless, passionate, goal oriented, customer focused, respectful, innovative, flexible, sustainable, adaptable in every environment and is keen to grow further as a future leader in the industry. Aims in giving exceptional work output in given deadlines along with Work, Health & Safety requirements. Currently living in Melbourne and waiting for the right opportunity

## ADDITIONAL INFORMATION

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|-------------------------------------|--|
| <b>Hobbies</b><br>Playing Badminton | <b>Valid Work Visas</b><br>AU, PAK   |
| <b>DOB</b><br>12 FEB 1994           | <b>ACS (Australian Computer Society) Member</b><br>Since (AUG 2019) - BS (Computer Science Degree accessed by ACS) |

## SKILLS

- HTML5
- CSS3
- Microsoft SQL
- JavaScript
- Presentation and excel skills
- Bootstrap
- Microsoft Office

## LANGUAGES

- English (US) ★★★★★
- Urdu ★★★★★

## EDUCATION

**COMSATS Institute of Information Technology, Islamabad, Pakistan** (Sep 2016 - Sep 2018)  
MS in Software Engineering

MS Thesis:  
● Cyber Physical Systems and IoT: Architectural Practices, Interoperability and Transformation

**COMSATS Institute of Information Technology, Islamabad, Pakistan** (Sep 2011 - Jul 2015)  
BS in Computer Science

BS Final Year Project:  
● Dictionary Builder Framework for E-to-U Machine Translation (Based on Technical Writing and Coding in C#)

## PUBLICATIONS

**Efficient Demand Side Management using Hybridization of Elephant Herding Optimisation and Firefly Optimisation.**  
AINA-IEEE 2018

**Comparative Study of Meta-heuristic Approaches Towards Utilization of Home Energy Management.**  
iCoMet 2018

**Load Scheduling Optimisation Using Heuristic Techniques and Combined Price Signal**  
NBIS 2017

**Optimisation of Home Energy Management System Through Application of TABU Search.**  
3PGCIC 2017

## WORK EXPERIENCE

**General Assembly (Melbourne, Australia)** (JUN 2020 - AUG 2020)  
Front End Web Development

Front End Web Development Course

- Developed website for Movies based on OMDb (The Open Movie Database ) API.
- Tic Tac Toe Game development.
- Multiple layouts challenge.
- Professional Portfolio.
- Relaxr dummy website includes registration, contact, blog and landing page
- Color Switcher web page.
- CitiPix – Multiple background switcher based on user input.
- Worked on Responsive Design of websites.
- Worked on submitting online forms data to google sheets or sending them to an email.
- Experience of using Inspect, Console and fixing the padding, margins, borders, colors, images alongwith complete box model of the website page.
- Experience of using fancy icons and google fonts library.
- Experience of using bootstrap library for fancy buttons, icons, navbars, radio buttons, checkboxes and loading bars etc.
- Worked on animations, transitions and adding keyframes while developing projects.
- Worked on using javascript and jquery libraries especially for slick sliders, auto typed texts, show/hide on scrolls.
- Used functions for event listeners, scroll functions, window onload functions and click events etc.

**Benchmark Pvt Ltd, Karachi, Pakistan** (SEP 2017 - DEC 2019)  
Front End Web Developer

- Writing and implementing efficient code
- Worked on JavaScript Framework, bootstrap, UI Layouts, CSS grid system, Typescript
- Used Highcharts and knowledge of bootstrap charts.
- Experience in debugging code for correction of errors and optimisation of code.
- Developing quality assurance procedures within a development team
- Maintaining and upgrading existing systems
- Working closely with other developers, UX designers, business and systems analysts
- Testing and evaluating all operational functionalities
- Identifying areas for modification in existing functionality
- Maintaining database by running useful queries related to the software development
- Ability to work with GITHUB.
- Good understanding of AJAX and Javascript DOM manipulation techniques.
- Good knowledge of SQL and relational databases.

**COMSATS University, Islamabad, Pakistan** (JUL 2017 - JAN 2018)  
Research Supervisor Helper

- Troubleshoot all activity related to new research.
- Optimisation techniques analysis.
- Conducting questionnaire survey for all new research opportunities.
- Research studies and presentation tasks.
- Pseudo-code writing.
- Design Hybrid Algorithms.
- MATLAB plotting presentations.
- Searching and surfing new articles in smart grid domain

**Vector Capital, Pvt Ltd, Karachi, Pakistan** (SEP 2015 - AUG 2016)  
Software Developer

- Develop HTML code based on client's functional and non-functional requirements while meeting optimised standards.
- Installation and troubleshooting of various embedded tools sometimes to enhance performance of the source code.
- Update and modify the changings accordingly that are demanded by clients if needed.
- Effectively communicate with customers during all stages of requirement elicitation process and application deployment.
- Performing testing and removing faulty errors along with collaboration of team members.
- Providing feedback regarding project to the team leader as well as to the customer.
- Preparing documentation of project specification, timeline, project cost and feasibility analysis.

## HONORS & AWARDS

**Academic Excellence Scholarship holder.**  
Fall, 2017

**Got certificate for participating in SUKKUR IBA conference for presentation of research article.**  
Spring, 2018

## PORTFOLIO & REFERENCES

<https://iqrawaqas.github.io/>

References are given in portfolio under testimonials More will be provided on demand.