

CONTACTS



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0483-043-896



Melbourne Victoria

SKILLS

HTML, CSS, JavaScript, JQuery, Python, SQL, MATLAB, Microsoft Office, Postman, bootstrap, GIT, GITHUB

PROJECT- GENERAL ASSEMBLY

06/2022-08/2022

WEBSITE: [Portfolio](#)
([iqrawaqas.github.io](#))

IQRA WAQAS

FRONT END DEVELOPER

Professional with immense experience in website designing, maintaining and upgrading existing systems and developing quality assurance procedures. I have hands-on expertise in designing websites using languages HTML, CSS and JavaScript. In order to show off few of my skills I developed a web based interactive **PORTFOLIO**. I also have a strong understanding of Database Management Systems, REPL, API Integration and CRUD Operations. I am passionate to leverage my knowledge and experience by applying my learnings and skills on real-time projects. I also have a bachelor in COMPUTER SCIENCE where I have learned how a complete Software Development Life Cycle (SDLC) method works.

EXPERIENCE

FRONT END WEB DEVELOPER

July 2017 – JAN 2020

BENCHMARKIX - KARACHI PAKISTAN

Writing and implementing efficient code using HTML and CSS. Creating and styling website using Bootstrap Framework, UI Layouts and CSS grids. Inspect webpages using the browser's developer tools.

Choosing semantic HTML tags to define and organize content. Used Highcharts and knowledge of bootstrap charts for graphical representation of data.

Developed 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. Use CSS to apply style to webpages. Learn the basics of CSS syntax, including selectors and style rules. Ability to work with GITHUB and knowledge of GIT commands.

Defining media-query breakpoints to apply separate rules based on screen size. Apply a mobile-first methodology to CSS and website design. Responsive design with respect to varied devices.

EDUCATION

JAVASCRIPT DEVELOPMENT

JUN 2022 – AUG 2022

GENERAL ASSEMBLY – MELBOURNE AUSTRALIA

Practiced JavaScript to interact with the browser, the Document Object Model, and APIs.

Practiced array methods.

Getting acquainted with objects and methods. Working with JSON-formatted data.

Exploring the JQuery library and its capabilities. Understanding the Document Object Model (DOM) and manipulate objects in the DOM.

Handle forms and user input. Using events listeners. Gain an introduction to AJAX.

Make API calls, consuming and incorporating API data. Compare and contrast asynchronous and synchronous JavaScript.

Leverage callbacks.

Understanding CRUD Operations.

Understanding functions scoping and hoisting.

Learning fundamentals of THREE.JS.

Understanding Modules, import and exports.

Learned basics of REACT, Parcel and NPM.

PERSONAL ATTRIBUTES

- ❖ Self-starter, team player with good communication skills.
- ❖ Able to effectively work as a part of a team toward meeting research goals.
- ❖ Demonstrated excellent problem-solving skills.
- ❖ Have ability to manage multiple tasks.
- ❖ Able to work extended hours in critical situations.
- ❖ Possess a great ability for change and process improvement.

MS SOFTWARE ENGINEERING CUIT – ISLAMABAD PAKISTAN

SEP 2016 – JUL 2018

MASTERS (MS) SOFTWARE ENGINEERING

It's a two year degree program comprising four semesters and includes a variety of advance courses like, research methodology in IT, software costing and estimation, advanced software quality assurance, advanced software process management and improvement and advanced topics in machine learning.

BS COMPUTER SCIENCE CUIT – ISLAMABAD PAKISTAN

SEP 2011 – JUL 2015

BACHELORS (BS) COMPUTER SCIENCE

It's a four year degree program comprising eight semesters and includes a variety of advance courses like, data structures, computer graphics, web engineering, database systems, computer architecture, object oriented programming, calculus, discrete mathematics and design and analysis of algorithms.

PUBLICATIONS

- ❖ Fatima, Iqra, et al. "Cyber physical systems and IoT: Architectural practices, interoperability, and transformation." *IT Professional* 22.3 (2020): 46-54.
- ❖ Fatima, Iqra, et al. "Comparative study of meta-heuristic approaches towards utilization of home energy management: Comparative meta-heuristic approaches." *2018 International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)*. IEEE, 2018.
- ❖ Fatima, Iqra, et al. "Efficient Demand Side Management Using Hybridization of Elephant Herding Optimization and Firefly Optimization." *2018 IEEE 32nd International Conference on Advanced Information Networking and Applications (AINA)*. IEEE, 2018.

AWARDS

- ❖ Got scholarship at Bachelors and Master level.
- ❖ Participated in smart-grid poster competition held in CIIT (2018).
- ❖ Participated in 2018 International Conference on Computing, Mathematics and Engineering Technologies (iCoMET), held at Sukkur IBA University on March 3-4, 2018