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Hashim Hussain

Graduate Full-Stack Developer

PROGRAMMING SKILLS

Front End	Back End
- HTML5	- NodeJS
- CSS3	- Express
- JavaScript	- MongoDB
- Bootstrap	- Nginx
- ReactJS	- JSON
	- MySQL

Other Programs and Software:

- MATLAB.
- DigitalOcean, Firebase and Heroku hosting services.
- Git as version control.
- Software development model i.e. Agile, Waterfall, Iterative.
- Low level Ubuntu knowledge.
- Adobe Suite: Premiere Pro, After Effects, Photoshop.

PERSONAL SKILLS

- Communicating ideas as part of a large team through retail experience and group projects.
- Analytical problem solving.
- Motivated self-starter and experienced in self-teaching new software and libraries.
- Constant strive for personal development.
- Optimised workflow and time-management gained through working in the catering industry and freelance work.
- Multilingual: Urdu, French.

EDUCATION

Degree: University of Portsmouth
2016 to 2020
BSc Computer Science, First Class Honours (GPA 3.82).

A Levels: RGS High Wycombe
2009 to 2016

Computing (C) Maths (B)
Economics (B) AS French (B)

PERSONAL STATEMENT

An enthusiastic and creative-thinking Computer Science graduate looking for a long-term career in Website Design and Development. Comprehensive and growing knowledge of the design and development of websites and apps, fueled by a passion of Mathematics and Art, enabling the design of intuitive and aesthetical interfaces, whilst also remaining highly functional, accessible, and responsive.

KEY SKILLS ACQUIRED DURING STUDIES

- Developed an advanced understanding of problem solving through complex mathematical theories, BigO and data structures to help program highly efficient solutions to given problems.
- Learning software development models such as Agile to have an insight into industry-level project planning and management, cost efficient development, and writing maintainable and readable code.

WEBSITE DEVELOPMENT PROJECTS

TabMe

- A guitar sheet music transcriber built as a single page web app as my final year dissertation project. Users can create tablatures, play back audio at desired tempos, upload and save their work as well as look through the database of other people's tablatures.
- Created with HTML, CSS and JS on the front-end, and NodeJS, MongoDB and Express for the back-end, on MS Visual Studio.
- A full project write-up was also included, including methodologies used, testing and evaluation (this project is ongoing).

Cheat Day

- A static takeaway website created for a client, to display information about the shop and its menus.
- Responsive and accessible site layout improved on the usability and aesthetics of the old site both on a desktop and portable device.
- Implemented successful search engine optimization.

Portfolio

- A static site used to showcase the projects I have noted above, as well as source code links and contact information.
- Built using personal goals in web development: a minimal, flowing interface, but with the necessary information represented.