AHSAN SHAHID

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SKILLS AND QUALIFICATIONS

- **Languages:** HTML5, CSS3, JavaScript (ES6), PHP, C, Java
- **Software Development:** React, Angular, Redux, Node.js, Laravel, jQuery, Bootstrap, WordPress
- **Software Methodologies:** Object Oriented Design, SOLID, MVC, Agile/Scrum
- **Tools:** Linux/Unix environment, NPM, Yarn, Bash, Grunt, Gulp, Git, JIRA
- Problem-solving abilities acquired through 3 years of work experience in software development
- Exceptional knowledge of data structures and algorithms and their application in the real world
- Excellent written and oral communication

TECHNICAL EXPERIENCE

Full Stack Developer   Núcleo | Jan 2020 – April 2020

- Delivered multiple large scale development projects within 2 weeks, leading in a 3x increase in prospective clients for the company
- Transformed desired designs into sleek user interfaces using **HTML**, **CSS, jQuery** and **Bootstrap**
- Built customizable admin section and option pages for clients using **PHP** and **WordPress** CMS

Lead Web Developer   Presentation Studio | Oct 2019 – Dec 2019

- Led the complete design, development and deployment of the website project through regular meetings with the CEO, design, marketing and content teams
- Crafted a customized WordPress theme and shortcodes with **WordPress** codex, resulting in an improved user experience
- Independently implemented the project using **HTML**, **CSS, jQuery** and **PHP**

Embedded Firmware Developer   Miovision Corp. | Sept 2018 – Dec 2018

- Revamped multiple test fixture platforms with **MEAN (Mongo, Express, Angular, Node)** stack reducing duplicated code by **40%**
- Wrote firmware for SD Card reader device with **TI MSP430** microcontroller that was deployed to production for testing SD Cards in large quantities

Applications Engineering – Robotics   Avidbots | Sept 2017 – Dec 2017

- Created and refined various cleaning plans for the Neo Robot improving robot efficiency by **30%**
- Calculated area of cleaning plans in square feet using image processing with **OpenCV**
- Shipped multiple new features for the web analytics platform with **React** and **MySQL**

Software Engineering Intern – Full stack   Ingle International| Jan 2017 – Apr 2017

- Used **Laravel**, **React** and **Redux** to add multiple new products to insurance platform
- Integrated insurance platform with web platform using **REST API** and custom **Laravel PHP** package

LAMP Developer   Horizn Studios | May 2016 – Sept 2016

- Created tools that reduced development time by **65%** for repetitive tasks
- Resolved **10+** critical **android** app bugs using **Ionic framework** and **AngularJS**

PERSONAL PROJECTS

- **Rapid Skills:** Uses various graph algorithms to recommend the fastest path to learning specific career enhancing skills
- **Global 6ixes: (Under Early Development)** Utilizes a matching algorithm to help cricket clubs globally find overseas players who wish to further their cricket careers

EDUCATION

University of Waterloo   WATERLOO, ON | Sept 2014 – Jun 2019

Graduated with Bachelor of Applied Science, Electrical Engineering (Honors)

Relevant Courses: Data Structures and Algorithms, Digital Circuits