# AHSAN SHAHID

ahsanshahid.com

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## SKILLS AND QUALIFICATIONS

- **Languages:** HTML5, CSS3, JavaScript (ES6), TypeScript, PHP, Java (Basic Proficiency)
- **Frameworks/Libraries:** React, GraphQL, Redux, NodeJS, VueJs, Laravel, jQuery, Bootstrap, WordPress
- **Software Methodologies:** Object Oriented Design, SOLID, MVC, Agile/Scrum
- **Tools:** Linux/Unix environment, NPM, Yarn, Bash, Grunt, Gulp, Git, JIRA, Jenkins
- 5 years of experience in software development
- Experience using data structures and algorithms to solve real world problems
- Excellent written and oral communication

## TECHNICAL EXPERIENCE

**Full Stack Developer**                               Freelance |    April 2022 – Present
- Worked with creators and business owners in creation/redesign of their websites.
- Revamped mobile experience for web projects using responsive web design practices.
- Increased page speed with media/content optimization techniques.
- Built a new website structure that is optimized to build trust with the target audience.

**Full Stack Engineer**                               ModiFace Inc. |    Aug 2020 – April 2022
- Added new features to the CMS that powers ModiFace Beauty AR SDK, used and trusted by top global beauty brands. CMS development was done with **Laravel** and **VueJs** stack.
- Developed analytics data pipeline with GCP services, Apache beam (Java) on the backend and **TypeScript** on the front-end.
- Developed the UI (**TypeScript**) for Microsoft Teams App used to add makeup filters for users in a video call.

**Full Stack Developer**                               Núcleo |    Jan 2020 – April 2020
- Developed all aspects of site design, functionality and branding for 3 large projects and delivered completed platforms in 2 - 3 weeks
- Converted designs into sleek user interfaces using **HTML**, **CSS, jQuery** and **Bootstrap**
- Built fully customizable admin section and option pages for clients using **PHP** and **WordPress** CMS

**Lead Web Developer**                               Presentation Studio |    Oct 2019 – Dec 2019
- Developed exciting website development plan through regular meetings with the CEO, design, marketing and content teams; lead the project from inception all the way to deployment
- Independently developed the project using **HTML**, **CSS, jQuery** and **PHP**
- Using **WordPress** codex, built completely customized WordPress theme and shortcodes to achieve the desired design

**Embedded Firmware Developer**                               MIOVISION CORP. |    Sept 2018 – Dec 2018
- Completely revamped multiple test fixture platforms with **MEAN (Mongo, Express, Angular, Node)** stack reducing duplicated code by **40%**
- Wrote entire firmware for SD Card test fixture with **TI MSP430** microcontroller

**Applications Engineering – Robotics**                               AVIDBOTS |    Sept 2017 – Dec 2017

- Created and fixed various cleaning plans for the Neo Robot improving cleaning plans efficiency
- Used image processing with **OpenCV** to calculate the area of cleaning plans in square feet
- Used **React** and **MySQL** to add new features to the web analytics platform

### Software Engineering Intern – Full stack      INGLE INTERNATIONAL |   Jan 2017 – Apr 2017
- Used **Laravel**, **React** & **Redux** to add multiple new products to insurance platform
- Integrated new custom functionality to the REST API using **Laravel** Framework
- Integrated insurance platform with a 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.
- Developed key features for main learning platform with **PHP** and **JavaScript**
- Used **Ionic framework, AngularJS** to resolve critical android app bugs

### CMS QA Analyst Coop      RAKUTEN KOBO INC. |   Sept 2015 – Dec 2015
- Designed and implemented numerous automation test cases with **groovy**
- Wrote **bash** scripts for server health monitoring and storage management.

### Intranet Web Developer      MATCOR MATSU GROUP INC. |   Jan 2015 – Apr 2015
- Built a business card web application using **HTML**, **CSS**, **PHP** and **MYSQL**
- Eliminated **60%** of unnecessary code by converting old procedural code to object oriented code

## PERSONAL PROJECTS
- **Rapid Skills:** This project uses various graph algorithms to recommend the fastest path to learning specific career enhancing skills.
- **Global 6ixes:** Cricket clubs all around the world look for overseas talent that can help them win competitions. This platform solves this problem using matching algorithm while also giving players the opportunity to gain overseas playing experience.

## 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