# HASAN WAJAHAT
*SENIOR WEB DEVELOPER*

## EXPERIENCE

**Sep 2019 - Present** | **Senior Frontend Engineer**
Interaction Design Foundation
Working as the senior frontend developer in one of the top design schools in the world, my focus is on making our site performant, pixel perfect and accessible. My work in IxDF includes:
- Managing and updating a codebase that is over 15 years old.
- Working primarily with native web technologies like web components and latest JS or CSS features.
- Creating Vue Apps for smaller admin portals.
- Improving performance metrics and increasing SEO for our website.
- End to end testing using cypress.
- Creating components that are highly accessible based on WCAG.
- Providing basic backend support for our Laravel based app.
- Working with S3/Cloud-front services.

**Jan 2017 - Jul 2019** | **Senior Frontend Engineer**
XYB
As the senior frontend engineer it is my job to build and maintain enterprise web apps. I have worked and/or supervised the following:
- React and Angular apps with state management using Redux/Saga and Mobx.
- Testing using Jest/Enzyme and Cypress.
- Optimizing apps using techniques like lazy loading, code splitting and tree shaking.
- Building Progressive Web Apps (PWA's).
- Api communication using GraphQL/Apollo.
- Micro-services using Laravel and ExpressJS.
- TDD using php-unit.
- Peer review and code management.
- Docker for app development.
- Basic Jenkins, S3 and EC2 support.

**Sep 2015 - Nov 2016** | **Full Stack Developer**
C2Monster, Seoul
In C2Monster, I was a full stack developer and worked on their flagship product called wormhole. Which was a web based management system for digital assets. My work included but was not limited to the following:
- Building and maintaining AngularJS app.
- Upgrading the flagship app from AngularJS to Angular2.
- Using CodeIgniter, MySql and Maria DB. Also DB optimizations.
- Building a micro service using Express, MongoDB.
- Deployment Management.
- Turning designs into pixel perfect sites.
- Building Multi-lingual app.

| Sep 2013 - Jun 2015 | **Web Developer / Researcher** |
| --- | --- |
| | Sejong University, Seoul |
| | In Sejong University, I was part of the MIME's lab which dealt with web and communication technologies. I worked on web protocols and IOT. During my research I worked on the following skills: |
| | • In depth understanding of HTML5 and CSS3. |
| | • Building AngularJS apps. |
| | • Server rendered sites using vanilla php and templating libraries. |
| | • Wordpress site management. |
| | • DB management using mysql |
| **Sep 2012 - Jun 2013** | **Graduate Engineering Trainee** |
| | Descon Engineering Limited, Lahore |
| | • Worked as part of the team responsible for the company's web site. |
| | • Worked with basic basic web technologies like HTML, vanilla JS and CSS. |

# EDUCATION

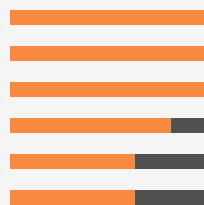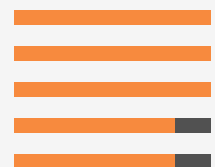| 2013 - 2015 | **MS, Information & Communication Engineering** |
| --- | --- |
| | Sejong University, Seoul |
| | • Focus on Smart Grid and IOT technologies with a good helping of modern web. |
| | • Full scholarship by Professor. |
| | • Worked as full time research assistant in MINES Lab at Sejong University, Seoul, South Korea. |
| | • GPA: 4.38/4.5 |
| **2008 - 2012** | **BE, Electrical Engineering.** |
| | National University of Science and Technology, Islamabad |
| | • Undergraduate Projects: Ultrasound machine prototype; Pseudo Complier built using C++; Security System using PIC microcontroller; Speedometer using PIC microcontroller with real time plotting. |
| | • Languages used: C++, C, Assembly language, XML, network programming |

# LANGUAGES AND FRAMEWORKS

**Framework & Tools**

React
Angular
Webpack
Laravel
Docker
Express

**Languages**

JS
TS
CSS, SCSS
PHP
MYSQL

# CONTACT

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