Awesome Engineer A

BSc in Computer Science, Benemérita Universidad Autónoma de Puebla

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I am an enthusiastic and active professional who is always looking for new ways to grow professionally. Learning is in my day-to-day, either in my work or in my free time. I enjoy learning new things in the web development world and looking for solutions to complex problems, always focusing on quality and high standards. Every time a new task is assigned to me, I give my best to meet and exceed my customers' expectations, and never forget the teamwork.

My main expertise is working on the front-end side, but I am also proficient on other areas such as solution design, back end, and shell scripting. I have participated in developing high-impact projects used by thousands of people located all around the world. I have also worked on a Web Components Library to accelerate the time to market of content-oriented projects.

SKILLS

- **Web Development:** React.js, Vue.js, VuePress, Stencil.js, AWS (Lambda, DynamoDB and S3), Node.js, Express, jQuery, Liferay, HCL Web Content Manager, SCSS, Gulp, Webpack, Handlebars, Free Marker, Git, HTML and CSS.
- **Programing Languages**: JavaScript, TypeScript, PHP, Java (basic).
- **APIs:** Google Maps, Stripe, Carbon Liked Data Platform, Facebook, Cookiebot.
- **Languages. Spanish**: Native Speaker. **English**: Business proficient**.**

WORK EXPERIENCE

April 2018 – Current - Bar – Enterprise Web Developer / Front-End Engineer
Developing projects in the front-end space with modern technologies to deliver high-quality products to clients in America and Europe. As my customers are always looking for high-quality and high-performance solutions, I am always improving my skills and seeking ways to provide better implementations for complex business problems.

- **CNH Industrial Dealer Portal**
  - **Global Dealer Portal Launch.** Worked on the Dealer portal for the global launch in America, Europe, Asia, and Australia.
    - Worked on the JavaScript internalization modules, enabling support for 11 languages including English, Spanish, Russian, German, French, Italian, Dutch, and Danish.
    - Adapted new functionality for components already created, with generic solutions for more than 250 regions in different countries all around the world.
    - Created components and sections with multilingual support.
  - **Application Management Service Team.** Support for the Dealer portal working as a Front-end Engineer.
    - This portal brings many features to dealers looking for specific services within the organization, e. g. creating credentials, connection to external applications, managing dealerships, etc. It supports real-time solutions and transactional operations.

- Developed scalable solutions by understanding my customer's requirements for more than 70 applications, 200 components, and multiple technologies used in the portal such as Java, JSP, JavaScript, web components, front-end frameworks, and a Web Content Manager.
  - **CNH Next Generation Portal.** Participated in the upgrade of this portal where about 60k pieces of content were migrated, and 30+ applications were re-designed with an entire new look and feel and a more intuitive UI/UX.
    - Created the main structure of the project and assets such as resources, components, and templates for the development of the whole site on HCL Web Content Manager (a tool used for content authoring).
    - Built a Web Components Library using Stencil.js with more than 50 components used through the portal. The library provides complete integration with the Content Manager and supports desktop (including legacy browsers) and mobile devices.
    - Used Vue.js to create a library of domain-specific generic components; these components were utilized to re-design more than 30 applications within the portal.
- **American Quarter Horse Association (AQHA).** Designed a solution for the leaderboards dashboard section to display reports and results since 2006 to 5000+ registered users.
  - Created components from scratch to display about 30 dynamic reports, no high-level frameworks were used. Provided a high-quality solution including complex functionalities with technology that doesn't rely on unnecessary heavy libraries.
  - Optimized the data presentation when more than 10,000+ entries were being queried from REST services using fragmented rendering mechanisms and pagination techniques.
- **PepsiCo – My PepsiCo.** Created the main section for the Marketing department.
  - The main challenge in this project was to develop a set of fancy/visually attractive components with multi animations; per my customer's requirements, these components had to be built in Vanilla.js with support for legacy browsers and not using external libraries.

In addition:
- I am currently participating in the definition of a Design System to speed up the design and development of new applications, sites, and portals for my current and new costumers.
- Implementing a set of applications that help tracking the performance management and career development for employees.
- I encourage small companies to show their services on the Web, helping them create basic but scalable web sites that allow them to have identity on the Web.
- I am leading the support for content-based projects (content updates, design of new sections, and progressive optimizations).

RESEARCH & PUBLICATIONS

- Methodology for something very cool – Research and Applications in Computer Science, **thesis degree 2017**, **Puebla, México.**

SIDE-HUSTLE PROJECTS

- Helped in the production of streaming courses on an educational platform oriented to web technologies.