



Michael Irigoyen

Front-End Software Engineer

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<https://www.irigoyen.dev>

SKILLS

React.js	TypeScript/JavaScript	Responsive Design	Git
Next.js	HTML 5, (S)CSS	Accessibility	CI/CD
Node.js	UI/UX Design	SEO	Scrum/Agile

CAREER

Hearst Magazines (Formerly MotorTrend Group)

UX Engineer • APRIL 2023 – CURRENT

As a UX Engineer, I am the architect and lead engineer of MotorTrend's React component library, Ignition Design System. My responsibilities have been to work closely with the UX group, product management, and engineering to build and provide reusable, high quality components to make building our web presence easy and predictable. Our component library is built to be responsive, accessible, and to take advantage of features of Next.js, including Server-Side Rendering (SSR).

Pictogrammers

Co-Founder • FEBRUARY 2023 – CURRENT

I am a co-founder of Pictogrammers, an open source collective that brings together developers and designers from all walks of life, to share their passion for iconography and font design.

As a founding member, I have designed and continue to develop and maintain our web presence in React, TypeScript, and Next.js. Additionally, I have contributed over 1400 unique icons to our various icon libraries. I also help maintain our server and build infrastructure, field issues on GitHub, and maintain social media accounts and public communication.

Salesforce

SMTS, Software Engineer • JUNE 2021 – MARCH 2023

As a senior member of the Trailhead Community team. My responsibilities included building, updating, and testing a variety of different web components written in TypeScript that we used to build our community forums. Utilizing web standards, each component had aspects such as accessibility, internationalization, and responsiveness concerns baked in.

Accusoft Corporation

Senior Software Engineer II / Scrum Master • SEPTEMBER 2015 – MARCH 2021

As a senior software engineer, I worked in a continuously delivered React and Node.js microservice environment. Regularly, I took the lead on designing or implementing new functionality for our SaaS-based applications. I continuously worked to improve the quality of my code through extensive unit and integration testing, as well as employed functional programming techniques and good coding patterns. Additionally, I explored DevOps related tasks that could help improve the quality of life for the engineering team.

As a scrum master, I facilitated and created opportunities each sprint for the team to succeed. I consistently researched, analyzed, and experimented to ensure our Scrum process ran smoothly and without interruption so the team could focus on their goals.

Intervest Construction, Inc.

Web Administrator / Developer • APRIL 2013 – SEPTEMBER 2015

I maintained a cloud-hosted LAMP stack which hosted approximately a dozen separate sites. I engineered solutions for our cloud-hosted stack to securely communicate with locally hosted resources. I also created a custom content management system (CMS) in PHP to showcase our home inventory on the web. Through storyboarding and market research, I designed a visually stunning web front-end on top of the CMS in HTML and JavaScript. Additionally, I developed standalone web applications for large touchscreen kiosks in several of our physical sales centers.

Illinois State University

Web Applications Developer • OCTOBER 2005 – APRIL 2013

As a web applications developer, I developed a brand new knowledge base content management system (CMS) for the University Computer Help Desk. I utilized PHP on the back-end and designed an HTML/JavaScript front-end. I eventually added a variety of departmental websites to my development responsibilities. As I became more comfortable in my developer role, I began to mentor staff members and student workers of the Help Desk who were also working on web projects.

EDUCATION

Illinois State University

B.S. Technology • GRADUATED 2007

I studied Technology at Illinois State University, because I enjoyed learning about a wide variety of topics. The technology program offered opportunities to explore computer operating systems and hardware, networking, electronics, and programming, instead of focusing on just one specific area. This allowed me to focus on the topics I found the most interesting as I moved into my professional career, while also having a well-rounded background to critically attack any problem I encountered.

PATENTS

Methods and Apparatus for Supporting the Display and Editing of OOXML Document Content Using a Web Browser

US 11,449,665

Patent relates to document storage, display and/or editing and, more particularly, to methods and apparatus which allow a device to display and edit a document using a Web browser, without having to support direct OOXML format document rendering and editing.

CERTIFICATIONS

Zend Certified Engineer

#ZEND004465 • MARCH 14, 2007

The Zend Certified PHP Engineer is an industry-wide standard that recognizes PHP expertise and is a measure of distinction that employers use to evaluate prospective employees.

CompTIA Network+ Certified

#W6WPDLLBYE41QMY5 • APRIL 7, 2006

Network+ ensures an IT professional has the knowledge and skills to design and implement functional networks, configure, manage, and maintain essential network devices, implement network security, standards, and protocols, and troubleshoot network problems.

Zend Certified Engineer

#C4EZM4Y1X24EYP0Z • JUNE 10, 2005

CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers into today's digital world.

REFERENCES

References available upon request

1UP: Empowering Communities with APIs

Presented at API: World — San Jose, CA • OCTOBER 9, 2019

Good APIs can level-up the dev life, but great APIs can bring an "Extra Life" to kids in need. In this talk, we discuss building a JavaScript API that can be used in 3 different ways from the same source code with the goal of making it easier to help raise money for sick kids in our communities via the Extra Life fundraiser.

Slides: <https://www.irigoyen.dev/presentations/1up-empowering-communities-with-apis>

Design Your API for Humans

Presented on Main Stage at API: World — San Jose, CA • SEPTEMBER 12, 2018

Throw away the notion of building something for a computer to consume. Let's determine what your users need to successfully and easily implement your interface.

Slides: <https://www.irigoyen.dev/presentations/design-your-api-for-humans>

The API User Experience

Presented at API: World — San Jose, CA • SEPTEMBER 11, 2018

Why aren't people using your API? Why aren't people using your product? Let's determine how to define why and discuss a successful implementation and usage process.

Video: <https://www.youtube.com/watch?v=s5OmYYwv2Ws>

Slides: <https://www.irigoyen.dev/presentations/the-api-user-experience>

Continuous DevOps

Presented at DeveloperWeek — San Francisco, CA • FEBRUARY 14, 2017

DevOps emphasizes quality-of-life improvements at all stages of the software delivery process, not just through continuous integration/deployment. Learn more about Accusoft's approach into implementing Continuous DevOps.

Slides: <https://www.irigoyen.dev/presentations/continuous-devops>

Nobody Cares About Your UI

Presented at BarCamp Tampa Bay — Tampa, FL • OCTOBER 1, 2016

For back-end developers jumping into front-end work, UI and UX can be very daunting. In this presentation we will answer: What is UI and UX design? What are common misconceptions? What external factors do we need to consider when working in the front-end?

Video: <https://www.youtube.com/watch?v=j5URKwTkpIQ>

Slides: <https://www.irigoyen.dev/presentations/nobody-cares-about-your-ui>