

# Jason Nutter

Experienced software engineer specializing in frontend development with a background as an individual contributor, lead engineer, engineering manager, consultant, teacher, and mentor.

## Employment

### Microsoft

Senior Software Engineer II

May 2019 – October 2022

- Built and maintained the Microsoft Authentication Libraries for JavaScript (MSAL.js), a collection of open-source OAuth SDKs that enables JavaScript applications to authenticate users with the Microsoft Identity Platform (AAD, MSA, and B2C).
- Led the design and development of the latest flagship SDKs, including MSAL Browser (@azure/msal-browser), MSAL Node (@azure/msal-node), MSAL React (@azure/msal-react), and MSAL Angular (@azure/msal-angular).
- Worked closely with internal engineering teams to effectively leverage MSAL.js, including Teams, Outlook, SharePoint, Office, Azure Portal, Xbox, MSN, PowerApps, and more.
- Supported external developers by triaging and answering questions on GitHub and Stack Overflow.
- Represented Microsoft in multiple standards governing bodies, including ECMA TC39, W3C Privacy Community Group, and W3C Federated Identity Community Group.
- Coauthored multiple patents concerning token acquisition for applications in embedded frames (patents pending).

### Porch

Senior Software Engineer II & Engineering Manager

July 2015 – May 2019

- Built and maintained the frontend applications, libraries, tools, and infrastructure for Porch.com (Node, React).
- Led the engineering team responsible for the launch of Porch's SEM campaigns, featuring A/B testing of multiple landing pages.
- Designed improvements to Porch's A/B testing tools.
- Managed a six-engineer team composed of intern, mid-level, senior, and staff engineers (April 2018 - November 2018).
- Launched products and internal tools to support and optimize the efficiency of operational teams engaged with new homebuyers.
- Coordinated recruitment and interviewing for Porch's summer engineering internship program.
- Maintained applications that powered Porch's real-time cross-platform communication product, supporting web, email, and SMS.
- Built and maintained a set of custom internal reporting tools to support Porch's inside sales teams, helping them more effectively sell Porch's services to potential home improvement professionals.
- Built and maintained JavaScript widgets to support Porch's first retail partner integration.
- Improved Porch's SEO rankings through work on Porch.com web properties and second-party integrations and partnerships.

## Contact

📍 Seattle, WA

📧 jasonnutter.com

✉️ jason@nuttech.com

## Skills

### Software Engineering

- JavaScript / TypeScript
- HTML / CSS / LESS / SASS
- React / Angular
- Node / NPM
- D3.js
- Mocha / Jest
- Webpack / Rollup
- Express.js
- Gatsby / Next.js
- WebAuthN
- Browser Extensions
- VS Code Extensions
- C# / .NET / XAML
- Git / GitHub / Gitlab
- Docker
- GCP / AWS / Azure
- MySQL / PostgreSQL
- WordPress / Drupal
- Sanity

### Product Development

- Authentication
- Authorization
- Digital identity
- OAuth / OIDC
- Open-source software
- A/B Testing
- SEO / SEM
- Accessibility

### Leadership

- Engineering management
- Mentoring
- Teaching

## Employment

### **Tag Creative Studio**

Software Engineer  
July 2011 – July 2015

- Developed responsive websites (WordPress, Drupal), web applications (C#, .NET, Azure), and Windows 8 Store applications (C#, XAML, JavaScript).
- Lead developer on client projects, and helped manage the development team, focusing on process, tools, recruiting, and best practices.

## Teaching

### **University of Washington**

Guest Lecturer, UW Information School  
September 2016 – December 2019

- Guest lecturer for INFO 340 (née INFO 343), *Introduction to Client-Side Web Development*, for Autumn quarter 2016, 2017, and 2019.
- Taught 40 undergraduate students the technologies, patterns, and best practices for modern client-side web development.
- Topics included HTML, CSS, Git, GitHub, JavaScript, Node, React.

## Education

### **University of Washington**

Bachelor of Science in Informatics  
September 2007 – December 2011

- Concentration in Human-Computer Interaction.
- Four-year member of the Husky Marching Band.

## Music

### **Seattle Sounders FC**

Musician  
January 2012 – December 2015

- Trumpet section leader for Sound Wave, the official band of Seattle Sounders FC.
- Led sectionals by rehearsing music and choreography for the trumpet section.
- Coordinated gig coverage for the trumpet section.
- Administered Sound Wave's online music repository.

## Volunteering

### **Ada Developer Academy**

Mentor / Teaching Assistant  
January 2020 - Present

- Industry mentor for Ada Developer Academy, a non-profit dedicated to preparing women and gender-expansive adults a career in software engineering.
- Mentored and participated in office hours for students during and after their cohort.

### **UW Husky Tech**

Mentor  
April 2018 – February 2020

- Industry mentor for Husky Tech, a registered student organization which connects University of Washington students in technical degrees with industry professionals.
- Mentored four students (across two mentorship classes) with career advice to help them start their careers in the technology field.