

# Joseph Yang

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Customer-focused, detail-oriented software engineer with a passion for user experience and design. Leveraging my ten years of experience as a graphic designer and my enthusiasm for front end development, I bring a unique perspective and creative problem solving skills when it comes to tackling the consumer user experience.

## Technical Skills

**Programming Languages:** JavaScript, TypeScript, C#, SQL, HTML/CSS, Ruby, Python

**Libraries/Frameworks:** React, Ruby on Rails, .NET, Bootstrap, Semantic UI, Fluent UI

**Databases:** PostgreSQL, SQLite, Redis, MS SQL Server

**Hosting Platforms:** Heroku, Netlify, AWS, Azure DevOps

**Version Control:** Git, GitHub

**Architecture & Design Patterns:** MVC, OOP, REST APIs, Responsive Web Design

**Other:** Adobe Creative Suite: Photoshop, Illustrator, InDesign, After Effects, XD; WordPress; Tableau

## Professional Experience

### Software Engineer

March 2021 - Present

Microsoft | Redmond, WA

*As part of the Microsoft LEAP apprenticeship program, worked in the OneDrive/SharePoint Engineering Fundamentals team to develop an Azure DevOps UI extension for engineers to query heartbeat tenants for testing purposes.*

- Planned, designed, developed, tested, and launched replacement cloud service for aging on-prem portal
- Created detailed design doc and proposed solutions in all hands peer review
- Conducted user research to gather insights and determine current pain points and desired features
- Using TypeScript & React, designed and developed user interface, ensuring dark mode compatibility and maintaining visual consistency with Azure DevOps core aesthetics
- Implemented API route in C# and SQL to fetch tenant data from Azure SQL database with filter-based query logic and integrated unit tests
- Tools used: Visual Studio, SQL Server Management Studio, Fiddler, VS Code, React Dev Tools, Azure DevOps, Git

### Freelance Software Developer

Oct 2019 - Feb 2021

*Contributed to open source tech-for-good projects as part of multiple hackathons with DemocracyLab.*

- [iSeaTree](#) - an educational mobile app to help identify and record tree species
  - Collaborated with 10+ developers to add features, fix bugs, and release v2 of app
  - Improved performance, layout, and usability of Tree Benefits page using React Native & TypeScript
- [FareStart](#) - a non-profit organization providing culinary job training in collaboration with local chefs
  - Worked jointly to automate customer/volunteer data export to AWS Redshift
  - Created Tableau dashboards for data visualization to optimize outreach and operations

### Student Software Engineer

Mar 2019 - Jun 2019

Flatiron School | Seattle, WA

*Developed 4 full stack web apps as part of an immersive web development program focusing on Ruby, Rails, JavaScript, SQL, and React.*

- [BaseCamp](#) - a dashboard app to help coding bootcamp students stay organized and track their progress
  - Deployed a Rails server using a Postgres db with React frontend and JWT authorization for user login
- [React Pictionary](#) - a multiplayer pictionary game with integrated real-time messaging
  - Utilized HTML5 Canvas API and ActionCable web sockets for instant drawing synchronization

## Education

**Flatiron School** | Seattle, WA

Certificate, Full Stack Web Development & Software Engineering

**The Art Institute of Seattle** | Seattle, WA

BFA, Graphic Design