

Hritik Aggarwal

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SKILL STACK

- **Languages:** JavaScript, Java, Bash, SQL, C#, XAML, C++, HTML5, CSS3.
- **Technologies:** React JS, React Native, .NET, UWP, REST APIs, Supabase, Firebase, Microsoft Azure.

WORK EXPERIENCE

Software Engineer II — Microsoft, Vancouver

APRIL 2022 - PRESENT

- Working on developing and shipping the latest features on the Xbox Console and xCloud.
- Using **React / Vite** for web applications, and **C#, XAML, C++/WinRT** for Universal Windows Platform apps.
- Collaborated with cross-functional teams, evaluated requirements, and successfully launched features like the new Xbox Home, Mutual friends, Xbox Adaptive Joystick, Game Pass Standard to over 120 million users.

Software Engineer Intern — Microsoft, Redmond

JUNE 2021 - SEPTEMBER 2021

- Used **C++/WinRT, C#, XAML**, and UWP concepts to add new features to game cards on the Xbox Console.

Software Development Engineer Intern — Doosan GridTech, Seattle

JUNE 2020 - DECEMBER 2020

- Worked on Distributed Energy Resource Management System for setting up a smart electric grid system.
- Implemented architectural techniques like Microservices & Repository Patterns; **C#** and **.NET** to create a value-efficient algorithm; Microsoft Azure Cloud Services for data management and computations.
- Established easy Azure connection and communication with client system; debugged and resolved core issues; implemented linear programming optimizers for increasing system efficiency by more than 25%.

Full Stack Engineer — MealsTogether (Youth Movement Against Alzheimer's), Remote

APRIL 2020 - JUNE 2020

- Collaborated on a web app to form companionship over virtual meals with new inter-generational FoodFriends.
- Used **React JS** for dynamic front-end and user interface; **NodeJS, REST API, & Zapier** for server-side scripting, **Firebase** for storage and cloud service automation; **Git** for code collaboration.
- Enabled over 200 people from across the US to find intergenerational FoodFriends and share their stories in this time of isolation and loneliness.

PERSONAL PROJECTS

Founder & Full-Stack Developer — Pantry Organizer

- Using **React Native, Tanstack**, and **Supabase** to develop a mobile app to help people cook more and reduce food waste by suggesting recipes based on the available ingredients and their expiration date.

EDUCATION

University of Washington, Seattle — *B.S. Computer Science, June 2022*

- **GPA:** 3.72/4.0
- **Relevant Coursework:** Data Structures & Parallelism, Software Design & Implementation, Matrix & Linear Algebra, Full Stack Development, Applications of Computing, Hardware/Software Interface.