

Efra Ahsan

| Portland | efra.ahsan23@gmail.com | +1 (360)-949-9164 | efraahsan-7c5da.firebaseio.com |

EDUCATION

University of Washington, Seattle WA

Sept 2020 - June 2023

Bachelor of Science, Informatics

Awards: Information School Capstone Research Award 2023, TCF-USA Award of Recognition 2022, Annual Dean's List 2022 - 2023

PROFESSIONAL EXPERIENCE

My Mother's Closets Vintage – Web Contractor – Washougal, WA

Dec 2024 - Present

Principal web page development using React and leading operations business planning.

- Achieved utilizing Figma to source design files for a small business.

MexiKhana, LLC – Independent Web Contractor – Clackamas, OR

May 2024 - Nov 2024

- Design and principal landing page development using React and Bootstrap.
- Coordination and consultation to develop a Design & Marketing plan.

Veeve, INC. – Freelance Interface Web Designer – Austin, TX

Aug 2023 - Jan 2024

Commercial level product creations for marketplace development on an AI-powered grocery cart.

- Achieved leveraging UX design to commercially tailor a tactile-centric Shopping feature.
- Worked closely with the client to design feature behavior sustaining API constraints.
- Provided illustrative recommendations for project functionality, usability, and aesthetics.

Youfeed.IO – Freelance Web Developer & Web Designer – Austin, TX

Jul 2023 - Nov 2023

Manufactured enterprise React.JS software and mobile products for a marketplace.

- Accomplished materializing first prototypes and premier cross platform web launch.
- Achieved independent process and production work in Application Design & Engineering.
- Detailed-minded technical consulting, coding, and support of iteration work to establish an app.

MexiKhana, LLC – Independent Web Contractor – Clackamas, OR

June 2023 - Jul 2023

Collaboration with a food launch business to conceptualize a brand into phase one digital products.

- Achieved high definition development of logo typeface and versatile use software.

Dirt Masters, INC. – IT Business Operations Consultant – Seattle, WA

April 2023 - June 2023

Streamlined data storage solutions and marketing strategy for a municipal consumer planner, using external research to inform scaling the business IT and website presence.

- Foster School of Business and Hewlett-Packard Enterprise mentorship for a general contractor.

Quasistatics, INC. – Independent Marketing Contractor – Seattle, WA

Apr 2022 - June 2022

One of first intern hires for a wearables e-commerce computer vision start-up tasked with greater scope of responsibility. Key achievements include:

- Co-developing a business development strategy to help the Founder list clientele in Greater King County.
- Developing digital marketing campaigns as well as live product demos for product release.
- Providing pre- and post-technical sales support as an acting Solutions Architect for clients.
- Converting client feedback into product enhancement requests, requiring transformation of business requirements into technical engineering requirements.

SKILLS & TOOLS

Programming Languages: Python, JavaScript (ES6+), CSS3, HTML5, R, SQL/SQLite

Libraries/Frameworks: Git, React, Node, Scikit-learn, Statsmodels, Jest, Matplotlib, NumPy

Tools: NPM, VSCode, Jupyter Notebook, Anaconda, Figma, Miro, Adobe Photoshop/Lightroom, GitHub, RStudio, Firebase, Microsoft Office Suite, Microsoft Azure SQL

Trade Skills: Processes & Architectures, Innovation Strategy, Solution Design, Cloud Based Tools

PROJECT & PROGRAMMING EXPERIENCE

GardenSpace – Senior Capstone | <https://github.com/efra-tech/icapstone> Jan 2023 - June 2023

An open-source data and website application for connecting to urban gardening communities in Seattle.

- Principal implementation using React, outpacing contributions by 17K+ more lines of code.
- Utilizing Excel to sort self-collected data, with seamless JSON integration to compile sub-unit code to surface on the client-side.
- Led all troubleshooting logistics with libraries and version control on personal servers.
- Award-winning project University of Washington's iSchool Capstone Research Award 2023.

OurFamily – Course Project | <https://github.com/info340b-wi23/project-efra-tech> Jan 2023 - Mar 2023

An open-source server-side application for connecting families online with archives and a unit calendar.

- Server-side cloud development with real-time data processing using React state management.
- Implementation of responsive and object-notated React components in 21K+ lines of principal code.
- Unit test automation with 100% file coverage using Jest environment.

Node.JS – Software Architecture | <https://github.com/Info-443-Spring-2023/project-2-NodeJS>

May 2023 - June 2023

Abstracting a component-level system architecture and thorough analysis of the Node.JS mechanism.

- Achieved designing a high level codeline model of the program to assess its architecture.
- Led a formal architectural assessment with identified principles and patterns of the codebase.
- Achieved issuing system improvements via refactored code in open-source to the system repository on GitHub.

Synaptech @ UW – Software & Hardware Club | <https://synaptechuw.org> Sept 2021 - May 2023

Initiate Programmer, Design Leader, & Co-Leader of the Website Team for the neurotechnology club.

- Leader and mentor for programming and design teams for two pioneer application lifecycles.
 - Teaching onboarding members how to use web technologies including Google APIs and Git.
 - Experience in using python to decode hardware transpiled data for algorithmic modeling.
 - One of few leaders to play a key role in the execution of a student-graphed mission through two application launch prosperities.
-