Efra Ahsan

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EDUCATION

University of Washington Information School, *Seattle WA*　　　　　　　*Sept 2020 - June 2023*
Bachelor of Science, Informatics
Awards**:** iSchool Capstone Research Award 2023, TCF-USA Award of Recognition 2022, Annual Dean's List 2022 - 2023

PROFESSIONAL EXPERIENCE

My Mother's Closets Vintage – *Web Developer* – *Washougal, WA*　　　　　*Dec 2024 - Present*
　Principal frontend engineering to elevate a niche customer experience and drive company growth.

MexiKhana, LLC – *Web Developer* – *Clackamas, OR*　　　　　　　*May 2024 - Nov 2024*
　　Instantiation and deployment of a React-based single page application ensuring seamless brand integration.
　　Business plan coordination and consultation to create an operational Design & Marketing specification.

Veeve, INC. – *Interface Web Designer* – *Austin, TX*　　　　　　　*Aug 2023 - Jan 2024*
　Engineering UI/UX for an AI-powered grocery shopping platform, enhancing the commercial front-end display.
　　Achieved leveraging UX design to commercially tailor layout for a high profile tactile-centric Shopping solution.
　　Worked closely with clients to test, iterate, and optimize components within framework constraints.
　　Provided visual and functional design recommendations, improving usability and aesthetics.

Youfeed.IO – *Web Developer & Web Designer* – *Austin, TX*　　　　　*Jul 2023 - Nov 2023*
　Proficient engineering of enterprise React.JS software and mobile mockups to establish a marketplace.
　　Accomplished deploying a premier cross platform website launch entailing high-fidelity mobile materialization.
　　Achieved independent process and production work in Applications Design & Engineering.
　　Detailed-minded technical consulting, coding, and support of iterative work to lifecycle a live user application.

MexiKhana, LLC – *Independent Web Contractor* – *Clackamas, OR*　　　*June 2023 - Jul 2023*
　Partnered with a minority-owned business to conceptualize and prototype a custom digital interface..
　　Achieved producing high-definition UI components, ensuring Figma-to-code feasibility.

Dirt Masters, INC. – *IT Business Operations Consultant* – *Seattle, WA*　　*April 2023 - June 2023*
　Comprehensive consolidation of IT and business research to recommend actionable insights for growth.
　　Using external research and internal consultation to identify a model for scaling company IT and website presence.
　　UW Foster School of Business and Hewlett-Packard Enterprise non-disclosed mentorship for a general contractor.

Quasistatics, INC. – *Independent Marketing Contractor* – *Seattle, WA*　　*Apr 2022 - June 2022*
　One of first intern hires tasked with a greater scope of responsibility for a wearables e-commerce computer
　vision start-up. Key achievements include:
　　Co-developing a business development strategy to help the Founder covert list clientele in Greater King County.
　　Developing digital marketing campaigns as well as live product demos for initial product release.
　　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.JS, Node.JS, Bootstrap, Scikit-learn, Statsmodels, Jest, Matplotlib, NumPy
　Tools: NPM, VSCode, Jupyter Notebook, Anaconda, Figma, Miro, GitHub, RStudio, Firebase, Microsoft Azure

OPEN-SOURCE PROJECTS

– **GardenSpace** – *Senior Capstone at UW iSchool* | *https://github.com/efra-tech/icapstone*
　Connecting users to urban gardening communities in Seattle via an award-winning data and website application.
　Principal implementation using React and Bootstrap, outpacing all full-stack contributions by 17K+ lines of code.
　Seamlessly integrating data components using compilation of JSON subordinates to fease interactivity of a map parent.

– **OurFamily** – *Course Project* | *https://github.com/info340b-wi23/project-efra-tech*
　Connecting families in a digital landscape using shared archives and a calendar feature to server process data.
　Using state updater functions for seamless RESTful API cloud data transfer in 21K+ lines of principal code via Firebase.
　Unit test automation for validating functionality and styling with up to 100% file coverage using Jest environment.

– **Node.JS** – *Open-Source Software Guide* | *https://github.com/Info-443-Spring-2023/project-2-NodeJS*
　Lead contributor in educational documentation of a high level system specification of the Node.JS codebase.
　Achieved destructuring a system software into modularity of its mechanics and issuing refactorization of code snippets.

– **Synaptech @ UW** – *Software & Hardware Club* | *https://synaptechuw.org*　　*Sept 2021 - May 2023*
　Developed foundational program and design reusabilities to power an interface for a pioneer university domain.
　One of few key players to teach onboarding members web tool development and resolve troubleshooting conflicts.