Jessica Bacheldor (She/Her)

New York City * Fullstack Webdeveloper

jessica.bacheldor@gmail.com
https://github.com/jbacheldor

Technical

Frameworks: React, NextJS, Astro
*Technologies***:** JavaScript, TypeScript, Python
Infrastructure: Vercel, Supabase, Firebase, Turso, Azure

Career

Recurse Center – Brooklyn, NY   Jan 2025 – March 2025

- Participated in an autonomous coding retreat to expand my website development expertise, focusing on the tech stack NextJS, Vercel, Typescript, and Supabase, to heighten my knowledge of website optimization through server and client component division, handling of API calls, and rapid development and deployment.

Software Developer – GE Corporate – New York City, NY   Aug 2022 – Oct 2024

- Led the front-end migration of 8 legacy API calls to **GraphQL** to support **Azure** group migration on an **Electron-React** app used by 200,000 employees globally to check device health on computers.
- Helped consolidate 2 administrative **React-Typescript** applications into 1 by analyzing input and output of 8 legacy API calls, migrating 3 pages of front-end functionality, and helping to update 14 supporting **Azure** resources reducing the customer tool set, accessed over 26k times per month, required to maintain 1481 software packages.
- Supported GE split by performing the following actions: produced key documentation for legacy services, cloning and testing applications, 109 repositories and their supporting infrastructure, including 200+ resources for 3 environments, 44 APIs receiving upwards of 2k+ requests monthly, ensuring a smooth transition and reduction of unnecessary resources from 800+ in prod environments to 324.
- Discovered an authentication security threat solution that tied 3 environments of an application with a separate application, solved by correctly aligning the client ids of the application with the correct appregistration allowing us to divorce ourselves from the dependency and better troubleshoot in the future.

Digital Technology Leadership Program – GE Corporate   July 2020 – Aug 2022

Cloud Engineer – Richmond, VA – Feb 2022 – Aug 2022

- Expanded visibility into hardened EC2s through **AWS** CLI logging of installed patches and software across 14 containers, 15 Linux SKUs, and 6 Windows SKUs, used by over 1,600+ users a month to improve audit preparation.

Advanced Threat Detection Analyst – Richmond, VA – Aug 2021 – Jan 2022

- Mitigated third-party software dependency risk by leading the investigation into the historical usage and payment saving the company $13,188 annually in prospective costs.
- Increased visibility of company-wide network perimeter vulnerabilities by developing an in-house IP scanner using **Python**, **Nmap**, and **Azure**, covering 64,922,445 potential access points through IP and port scanning.

Front-End Web Developer – Miami, FL – Feb 2021 – July 2021

- Contributed to key functionality for 6 Computer Action features on a **React** and **Typescript** website accessed over 110k times per month globally with an overall user base of 200,000.

Technical Project Manager – Detroit, MI – July 2020 – Jan 2021

- Coordinated the decommission and data archival and retention of 82 legacy applications and 137 different assets between six different teams, saving the company $1 million in cost avoidance and $370k annually.

Personal Projects

Hangul Drag & Drop

● A vanilla JavaScript drag and drop game which teaches the Korean Alphabet through matching.

Hot Takes

● A NextJS application deployed on Vercel, utilizing a Supabase database, to gather individual's hot takes, and allow users to match identities to hot takes, and then return accuracy percentages..

Education

University of Michigan - Dearborn - **B.S. in Computer Science and B.A. in English**   **Dec. 2019**
Georgia Tech - **M.S Candidate – AI and Machine Learning**   **Expected Fall 2027**