

# Addison Ho

H1-B1 Eligible

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## Work Experience

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Milieu Insights	Singapore
Solution Architect	June 2025 – Dec 2025
<ul style="list-style-type: none"><li>Engaged with external clients in validating and engineering technical solutions such as <b>SCIM</b> and data ingestion integrations.</li><li>Accelerated internal service request turnaround by creating repeatable script pipelines and self-serve tooling with <b>Bun</b>.</li><li>Built Milieu Mind using <b>Gemini</b> with <b>NotebookLLM</b> to increase visibility on our security posture, feature availability for Sales and Research.</li></ul>	
WeightWatchers	California, United States
Full Stack Software Engineer	March 2023 – August 2024
<ul style="list-style-type: none"><li>Led front-end development integrating <b>WW Clinic</b> into native mobile apps, funneling customers to new clinic experience.</li><li>Created a <b>KYC system</b> for all members, aligning the company with compliance requirements, in preparation of an acquisition.</li><li>Developed key features for <b>Bedrock</b>, our internal platform serving 200+ staff, including in-system faxing, medication delivery tracking and third-party API integration using <b>TypeScript</b> and <b>Node.js</b>.</li><li>Contributed major features to <b>Sequence</b>, our member-facing web app, scaling to 100k users — including long-term contract subscriptions, Care Team feedback and refill requests in <b>React</b>.</li><li>Piloted <b>RD Insurance Billing</b>, a brand-new product offering nutrition therapy visits for all members, which is one of three core initiatives to improve our members' experience and diversify our revenue streams.</li><li>Other core responsibilities include subscription management with <b>Stripe</b>, A/B test visualization with <b>Amplitude</b>, building internal tools with <b>Retool</b>, UI testing with <b>React Testing Library</b>, triaging and monitoring errors with <b>Rollbar</b> and <b>Datadog</b>.</li></ul>	

Armorblox	California, United States
Full Stack Software Engineer	June 2021 – March 2023
<ul style="list-style-type: none"><li>Member of the <b>Data Protection</b> team, responsible for mitigating email data leaks on the Armorblox platform. Deployed solutions include file matching and source code detection, resulting in approximately 25% reduction in <b>BEC (Business Email Compromise)</b> attacks.</li><li>Designed and implemented front-end components and services for <b>RBAC (Role-Based Access Control)</b> across all business tenants, with permissioned routing and guard flags across the Armorblox platform.</li><li>Created <b>ML Workbench</b>, accelerating our AI team's capability in triaging emails based on their threat profiles, replacing legacy Excel-only workflows used for tracking threats.</li><li>Developed the <b>Scheduled Reports</b> service, generating threat reports for customer organizations using <b>Next.js</b> and <b>Gotenberg</b>. Collaborated with the Product and Platform teams on data templates and building a scalable solution.</li><li>Responsible for <b>CMP</b>, a DevOps management tool for creating and removing Kubernetes clusters and <b>Kraken</b>, an email vector attack simulation tool, both developed using <b>React</b>.</li></ul>	

## Projects

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### catalleanya

- catalleanya** is a personal data sovereignty project aimed at replacing third-party services with self-hosted solutions.

### memoka

- memoka** (メモカ) uses realtime notes to manage your awareness of existence.

## Education

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National University of Singapore	August 2017 – May 2021
<ul style="list-style-type: none"><li>Bachelor of Computing (Honours) in Computer Science — CGPA: 4.02.</li><li>Specialization in Network and Distributed Systems.</li></ul>	

## Skills and Interests

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- Core Languages: JavaScript, TypeScript, Dart (auxiliary), Python (auxiliary).
- Front-end: React ecosystem, Flutter, HTML, CSS.
- Back-end and Infrastructure: Node.js, PostgreSQL, MongoDB, GraphQL, tRPC, Docker, Caddy, AWS, GCP.
- Systems: Linux administration (systemd, bash, SSH, cron).
- Interests: Self-hosted infrastructure, AI-assisted development, Linux ecosystems, open-source software.