Hosam (Sam) Dahrooge

Software Engineer and Designer

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Summary

Software Engineer specializing in frontend development and UI/UX with over 3 years of experience building high-performance applications for enterprise clients. Proven ability to bridge design and engineering, leading projects that enhance user experience, scale to 300,000+ global users, and drive multi-million dollar contract renewals. Passionate about creating intuitive, user-friendly interfaces that attract new clients and improve retention.

Professional Experience

Endlss (by Penny AI) | *Senior Frontend Software Engineer*   Dec 2023 - Sep 2024

- **Designed, led, and built** onboarding and bulk invite features, facilitating client acquisition with **over 70,000 users.**
- **Collaborated to build** comprehensive analytics features for data-driven insights, **increasing platform sales by 45%.**
- **Streamlined workflows** with product and design teams by refining projects, **reducing development time by 20%.**
- **Established design system rules and patterns** into engineering workflows, **enhancing collaboration with designers and reducing UI inconsistencies by 40%.**

Penny AI | *Senior Frontend Software Engineer*   Oct 2023 - Sep 2024

- **Managed the frontend development** of Penny AI's flagship application, **enhancing the UX for over 200,000 users.**
- **Led and mentored a team of developers,** ensuring quality deliverables and adherence to project timelines.
- **Implemented customizable dashboard and leaderboard features** that attracted **eight new clients.**
- **Coordinated 9 weekly releases** of three applications across **three platforms** (iOS, Android, Web).

Penny AI | *Frontend Software Engineer*   Jun 2021 - Sep 2023

- **Led the FE development** for Penny's largest project, resulting in the **renewal of a multi-million dollar contract.**
- **Collaborated on a Chrome extension** for contact migration, **boosting sales by 71% and user retention by 30%.**
- **Implemented tools and patterns** that streamlined feature management for enterprise clients. This enhanced feature customization and scalability, and contributed to achieving Agile methodology goals.

Tierra Sol | *Sample Fabrication Team Lead*   Oct 2018 - Jan 2021

- Led a team from a major branch backlog to becoming the **centralized production department** across all of Canada.

Skills

- **Languages:** TypeScript, JavaScript, SCSS, CSS, HTML, Python, Java, Ruby
- **Tools:** Angular, NgRx, RxJS, Node.js, Ionic, React, Next.js, Django, Redux, Jest, Tailwind, Vue, Pinia
- **Technologies:** Git, Smartling, Internationalization (i18n), Transloco, CI/CD, Nx/Nrwl, Sentry, Datadog, Husky, Figma
- **Deployment:** iOS, Android, Web, Fastlane, CircleCI, Chrome extension, Vercel, BrowserStack, Vite
- **Other:** Design system, UI Kit, REST, Performance optimization, Accessibility, Jira, Scrum, Agile

Education

- **BrainStation** - UI Design (2024)
- **Lighthouse Labs** - Diploma in Web Development (2021)
- **University of Calgary** - Majored in Oil and Gas Engineering (2014 - 2018)