

# 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

### Trnd (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)