

TILO MITRA

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About Me

I'm an Engineering Manager and a full-stack JavaScript Engineer. I enjoy building high-performing teams and empowering engineers to do their best work.

Key Technology Skills

Back-end: NodeJS, ES6/7, Express, NextJS, MySQL, PostgreSQL, and more.

Front-end: Responsive Single-page Apps with React, Flux (Redux), Webpack, and more.

Engineering Manager, SoundHound Inc., Toronto – 2017-Present

Managed a distributed team of 12 Full-Stack JavaScript Engineers across 3 Geographical Locations. I placed an emphasis on career advancement, developer empowerment, and ensuring everyone on my team understood the importance of their role.

Responsible for recruiting and career growth. I helped grow the Web Team from being the sole engineer on it to a team of 12 engineers across 3 timezones working on over two dozen different web products concurrently.

Collaborated with Product, Marketing, and Operations teams to launch new products and iterate on existing ones. I have been responsible for guiding technical decisions, product roadmaps, sprints, and improving pipelines to guarantee stable & timely releases for all web products at SoundHound.

Senior Software Engineer, SoundHound Inc., Toronto – 2014-2017

Responsible for full-stack development of Houndify, SoundHound's self-service web application to let anyone add a Voice Artificial Intelligence to their software. I built Houndify from a blank `index.html` file to a web application that has 100,000+ registered developers, powers millions of consumer products, and is the primary revenue driver for SoundHound.

Architected and developed tools and processes that allowed SoundHound's voice recognition engine to learn multiple languages. My tools have facilitated the collection & management of 15M+ audio recordings, resulting in SoundHound's Voice AI understanding multiple languages.

Responsible for determining SoundHound's front-end web stack. I have helped guide technology decisions that have improved the productivity of other engineers, hired over 50 engineers, made talent acquisition easier for our recruiters, and developed the engineering culture.

Front-end Software Engineer, Yahoo, Sunnyvale – 2012-2014

Developed the core of YUI 3 - Yahoo's open-source JavaScript and CSS platform used across all of its major web properties. Code written by me was visible to 1B+ users on Y! Front Page, Mail, and Search.

Wrote Pure, a popular CSS Framework with 20,000+ stars on GitHub. It is the most popular open source library made by Yahoo.

Gave numerous conference talks at conferences such as CSSConf, Open Hack USA, and YUI Conf.

Personal Projects & Achievements

Developer 30 Under 30: I was recognized as one of the top 30 under 30 developers in Canada by a varied panel of judges.

Shopify App Challenge Winner: I won the Shopify App Challenge by building an application that helps store owners accept bookings for virtual and in-person events.

Visabug: My side project is a web application that aggregates 1M+ data points everyday to help travellers find accessible destinations. #2 on ProductHunt and integrated with KimKim.

Abra: A roadmapping web app aimed at improving collaboration between Engineering Managers and Product Managers. Abra has built-in capacity planning so everyone knows the amount work can be done in a given time period. Currently in beta.

tilomitra.com: I enjoy blogging about management, engineering, and other interests on my personal website. Give it a read!

Education

University of Waterloo, Canada – Bachelors of Applied Science (with Honours) in Systems Design Engineering (2007 - 2012)