

# Tim Erwin

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## Tech

AI/ML, ChatGPT integration

React, React Native, Next.js, Javascript, Typescript, Node.js, Swift, HTML, CSS,

Postgres, SQL, Redis

Azure, Google Cloud, AWS, Firebase, Google Play Store, Apple App Store

## Experience

GHOSTDEV | May 2020 — Present

Founder, Azure Founders Member, Architect

Created the Icychat mobile superchat app which has real time chat, contact sharing, social networking, ChatGPT integration and #linkinbio websites. The app is available on both iOS and Android.

<https://icy.chat>

Apple | March 2022 — December 2022

UI Architect, Siri, AI/ML

I architected and developed multiple frontend projects from design to production for the Siri platform, collaborating across various teams to achieve business objectives.

One interesting project I designed was creating an augmented reality web framework to enhance open source projects.

## Samsung | December 2018 — June 2020

### Tech Lead

I led the design, architecture and development of a Push Notification Service which has support for CRON scheduling, targeting, and sending of Firebase push notifications, database pull notifications, as well as email notifications.

I was the tech lead on a large project for the Samsung Elite offering, which includes a proxy service, REST service, database design, data imports, delta synchronization, scheduled jobs and push notifications.

As a tech lead I was also responsible for managing a small team of developers, being on call for pager duty issues in production and collecting load testing metrics and supporting client development and QA. I also had to work across multiple teams such as DevOps, Client, QA, PMs, Architects and Directors in order to complete business objectives.

## Yahoo | February 2017 — June 2018

### Senior Frontend Engineer

Worked on the Yahoo Ads team to develop a new ad campaign portal and in this role I took mocks from the UX team and turned them into code. We had peer code reviews on GitHub and code coverage using unit, integration and acceptance tests.

The team followed agile practices with meetings for daily standups, sprints, retrospectives, planning and estimation.

## Snaptech | December 2015 — January 2017

### Senior Software Engineer

Developed a REST API which included OAUTH authentication, rate limiting, logging, and MySQL database access.

Developed a REST API using Node.js and Express for a website using JSON web tokens for security, MySQL for database access.

## Wells Fargo | March 2015 — September 2016

### Tech Lead

Involved in all aspects of the project lifecycle, including meetings, new features, refactoring, bug fixes, testing and release.

Managed a team of onshore and offshore developers. My approach is task delegation, code reviews, not micromanaging, assisting when needed and guiding on coding standards.

Focused on high level management and support of the project. This means being involved in business meetings, project planning and handling release cycles and small tasks like file imports.

## Turner Broadcasting | May 2013 — February 2014

### Senior Software Engineer

Extensive front end web development and involved in all aspects of project lifecycle including new features, refactoring, bug fixes, testing and releases