TOMMY CHOW

U.S. Citizen | New York, NY | tommychow.com | tommyxchow@gmail.com

Frontend-focused software engineer specializing in building performant, polished, user-friendly mobile and web apps using frameworks such as Flutter, Next.js, React Native, and SwiftUI. Proven track record leading and collaborating with cross-functional teams to efficiently deliver complex products. Dedicated to continuous learning, open communication, and professional growth. Enjoys PC gaming and building mechanical keyboards.

SKILLS

Frameworks and Libraries: BLoC, Expo, Flutter, MobX, Next.js, React, React Native, SwiftUI, Tailwind CSS
Languages: CSS, Dart, GraphQL, HTML, JavaScript, Python, Swift, TypeScript
Tools: AWS, Docker, Fastlane, Figma, Firebase, GitHub, GitHub Actions, Jira, Postman, Sentry, Vercel, Xcode

WORK EXPERIENCE

Frontend Software Engineer   Jan. 2023 - Present
Wildr   San Francisco, CA

- Engineered multiple screens for "Challenges", a new tab built with Flutter, Dart, GraphQL, and Firebase featuring user-curated events and activities. Launched in 2 months, acquiring 1,000+ new users.
- Led frontend development of "Detox", a web app built with Next.js, TypeScript, and Tailwind CSS that utilizes AI to evaluate and score Twitter feed toxicity. Launched at SXSW in 2 weeks, attracting 100+ attendees.
- Optimized mobile app performance by leveraging lazy-loading, batched rendering, media compression, and caching techniques, resulting in a 20% decrease in jank and loading times.
- Collaborated on a streamlined bug reporting and resolution process, improving triage efficiency and reducing the bug backlog by 50% within 2 weekly sprints.
- Enhanced developer experience by integrating typesafe routes, refining lint rules, crafting mobile deployment scripts, and automating tests with CI/CD via GitHub Actions.

Founder and Lead Developer   Jun. 2021 - Jan. 2023
Frosty   New York, NY

- Developed an open-source mobile app for Twitch using Flutter and Dart, featuring live streams with chat, third-party emote compatibility, in-depth customization options, and more.
- Boosted impressions and user engagement via targeted promotions across Reddit and Discord, accumulating 250,000+ downloads and 50,000+ monthly users on iOS and Android.
- Designed and developed an accompanying marketing website using Figma, Next.js, TypeScript, and Tailwind CSS, garnering 15,000+ monthly views and 200,000+ total impressions.
- Partnered with 7TV, a popular Twitch browser extension with 1,000,000+ users, significantly extending the app's reach and influence.

IT and Data Intern   Jul. 2019 - Aug. 2019
KAFSC (Korean American Family Service Center)   New York, NY

- Wrote scripts with Excel functions to perform efficient and secure data migration of client information.
- Conducted security audits, troubleshooting, and maintenance of servers, computers, and local networks.
- Designed a range of assets and marketing materials in Adobe Photoshop including logos and posters.
- Contributed actively to organizing, fundraising, and marketing local community events.

EDUCATION

B.S. in Computer Science   Jan. 2019 - Jun. 2022
University at Buffalo   Buffalo, NY

- **GPA**: 3.75/4.00 (Magna Cum Laude)