

## SKILLS

Front-End Web Development, Angular, React, Typescript, Node.js, MongoDB/MySQL, Unit Testing, MVVM/MVC, AWS, Gitlab CI/CD, Native Mobile Development, SwiftUI, UIKit/Storyboards, XCTest, Combine, Devops, Splunk, Entrepreneurship, Containerization

## WORK EXPERIENCE

**Software Engineer | T-Mobile | Angular, Typescript, Node.js, HTML, CSS, Jasmine/Karma, NPM, Git** **June 2024 - Present**

- Developer in a team of 4 UI developers for maintaining an application to support the virtual retail of Metro products, responsible for handling 500+ daily orders or over \$250000 in daily revenue.
- Implemented key business rules and Angular components for flows, allowing existing customers to add lines and devices.
- Onboarded numerous APIs with Node, also managed and migrated API endpoints with feature flags for different environments.
- Experienced with writing and maintaining a unit test suite for Angular components using Jasmine/Karma.

**Lead iOS Developer | T-Mobile | Swift, UIKit/Storyboards, Cocoapods, Combine, Resolver, NSCache** **Jan 2023 - June 2023**

- Lead developer for a team of 7 creating a host of consumer facing utility tools used by all T-Mobile stores in the U.S. The tools check the eligibility for customers to transfer their phone or number, as well as manage the status of their trade-in orders.
- Implemented dependency injection with Resolver and used it to create caching services with NSCache, resulting in the entire app to be mostly decoupled view models and services, promoting dependency inversion and single responsibility principles.
- Implemented logging for all API activity (success, error, alerts, etc.) and created telemetry and reporting dashboards in splunk to use for communicating to the business the application health for both test and production.
- Collaborated with 4 other teams to manage pod versioning and deployment when integrating tools into iPad sales devices.

**Lead iOS Developer | T-Mobile | SwiftUI, Cocoapods, SPM, Combine, Resolver, NSCache, XCTest, Gitlab** **Jul 2021 - Apr 2024**

- Collaborated on a 60+ team of SWEs, SDETs, POs, scrum masters, and managers to build a consumer facing MVVM sales application for handling the sale of prepaid services (Metro) for devices, plans, and promotions for single-line activations.
- Implemented key logic for important business revenue generating operations such as creating catalogs for devices and rate plans, cart organization and data persistence for customer info, and submitting orders at the end of a sales checkout flow.
- Created numerous user interfaces with a team of 7 developers, closely following Apple's design system/human interface guidelines, resulting in accessible, modular, and reusable UI components.
- Onboarded numerous APIs for front end use, including generating models from swagger, implementing endpoint configuration, coding service classes, and providing accompanying unit tests and mocks, resulting in reusable API services for other developers.
- Collaborated with 40+ developers in a team wide effort to maintain testing suite of unit tests, UI tests, test fixtures, mock APIs and view models, and mock data, resulting in well maintained tests increasing coverage from below 30% to above 85%.
- Designed and created a cocoapod and swift package manager (SPM) compatible modular UI component library in SwiftUI for team applications. The result was a foundational PoC for spawning a T-Mobile supported SwiftUI component library.
- Created documentation and gave KT to other developers and POs for how to use XCode's accessibility tools for demonstrating accessibility features during demos, as well as how to implement accessibility requirements in Swift.
- Resolved numerous medium and high priority UI and development defects related to SSO, order submission, and efficient caching with NSCache for 20+ different properties of customer and cart information.
- Conducted code reviews for 100+ merge requests, enforcing several practices including code semantic standards, unit and UI test practices, and delivered patient feedback and positive improvements to other developers.
- Experienced with using iOS/mobile development related hardware like iPads and payment devices for testing and development.
- Performed security remediation responsibilities for API layer built in Springboot/Java to proactively limit cybersecurity threats.
- Performed basic devops work in Gitlab such as configuring proxies, repairing pipelines, and configuration with JSON/YAML.

## LEADERSHIP

**Intreprenuer | PromoFinder | JS, HTML, CSS, React, AWS, Kubernetes** **Nov 2021- Dec 2022**

- Key contributor and group leader for planning a new customer self-service tool for finding T-Mobile promotions.
- Created full project and business canvas, pitch decks and demos. Pitched through several rounds of competition to VPs, reaching top 8 out of 190+ teams. The end result was being 1 of 4 teams to be funded and received over 100k of funding.
- Deployed prototype front and back end on Kubernetes clusters on AWS through Conduktor, an internal orchestration platform.

## EDUCATION

**Amazon Web Services (AWS) Certification - Cloud Practitioner** **Jan 2024**

**University of Washington, Seattle, WA** **Sept 2017 - June 2021**  
**B.S. in Information Technology, Minor in Entrepreneurship (3.5 GPA, Deans List 8 quarters)**