Paul Thi

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SKILLS

Expert	Swift, SwiftUI, UIKit, Combine, GraphQL, Firebase
Proficient	Kotlin, Java, Dart, Python, Flutter, AVFoundation, ARKit, RealityKit, AWS, GCP, Splunk
Familiar	JavaScript, TypeScript, CSS, SQL, Angular, NativeScript

PROFESSIONAL EXPERIENCE

Lead iOS Engineer

Expedia Group - Austin, TX   *July 2022 - Present*

- **Expedia, Hotels.com, Vrbo, etc**: Build shared composable components utilizing GraphQL to generate Server-Driven UI. These components are leveraged across all of Expedia Group's products to give customers a consistent look and feel while also allowing the company to scale up quickly and easily.
- Lead a team of 4+ iOS Engineers for the Trips platform.
- Representative for iOS in key meetings influencing architecture, design, and quarterly estimations.
- Act as the central point of contact for iOS Trips matters, becoming an adjudicator for final decisions.
- Collaborate with other Platform Leads to maintain uniformity and consistency.
- Organize iOS developer syncs to bridge knowledge gaps between engineers across multiple teams.
- Consistently deliver real-time support for Expedia's apps, encompassing monitoring crashes, triaging bug tickets, implementing hotfixes, and managing release schedules.
- Propel Expedia's iOS platform ahead of others despite originally lagging behind. Positioning iOS as the primary client to showcase to leadership and stakeholders.

Senior iOS Engineer

InRhythm - New York, NY   *April 2022 - July 2022*

- **Fidelity Investments**: Application modernization for Fidelity Investments' flagship iOS product from legacy Obj-C/UIKit to Swift/SwiftUI. Users can manage their entire investment portfolio which includes stocks, 401ks, mutual funds, and crypto.
- Heavily embrace dependency injection for better abstraction to facilitate modularity and testability.
- Dramatically enhance software stability and reliability through adding extensive automated testing.
- Mentor junior developers to ensure the adoption of best practices to foster their professional growth.

Senior iOS Engineer

Dialexa - Dallas, TX   *May 2021 - April 2022*

- **Genentech mVTx**: Medical eye care tool that assists in the monitoring and detection of eye degenerative diseases. Two different versions were built utilizing a single codebase, one for optometrists to use in their office, and the other for patients to use in the comfort of their own home.
- Utilize machine learning and augmented reality to enhance the app's performance and capabilities.
- Integrate advanced haptic feedback functionalities aimed at delivering meaningful assistance to the app's primary user demographic, which consists primarily of individuals with visual impairments.
- Proficiently utilize Protocol Buffers for efficient data serialization, ensuring cross-platform compatibility and security.

iOS Engineer

Bottle Rocket Studios - Dallas, TX   *May 2019 - May 2021*

- **MoneyGram Money Transfers App**: App for transferring money internationally.
- **GoodLeap Pros**: Sales tool used by GoodLeap partners and dealers that offer financing for solar, battery, and other sustainable energy products to customers.
- **MyFrontier**: Self-service tool for Frontier Communications' customers. Users can handle payments, manage/monitor their network devices, and troubleshoot their network if they have issues.
- **Frontier MTP**: Frontier Communications' Mobile Tech Portal to assist technicians out on the field.
- **MaryKay App**: App for MaryKay Customers to purchase beauty supplies and find beauty consultants.
- **Coinsource Helix**: Crypto app that also serves as a non-custodial wallet for its users. Keys are stored on a device's secure storage with a recovery backup on the Cloud. Users can buy, sell, and trade crypto with other users. They also have the ability to locate and navigate to nearby Coinsource ATMs.
- Develop numerous greenfield applications across diverse industries utilizing a variety of different iOS technology stacks and architectures.
- Collaborate closely with interdisciplinary teams of varying sizes requiring constantly engaging and onboarding with new engineers, designers, researchers, testers, product managers, and more.
- Ensure prompt and transparent communication with clients by demoing project progress weekly.
- Engage in the "Test Flight" process, aiding clients in assessing project requirements and timelines before project initiation.

COBOL Developer

NYS Office of Temporary and Disability Assistance - Albany, NY   *November 2018 - May 2019*

- **Welfare Management System**: New York State's welfare assistance programs such as Medicaid, Food Stamps, and Housing Assistance.

Java Developer

NYS Department of Tax and Finance - Albany, NY   *January 2015 - November 2018*

- **Transportation Cluster**: New York State's transportation taxes such as One Stop Credentialing and Registration (OSCAR), International Fuel Tax Agreement (IFTA), International Fuel Tax Agreement Web File (IFWF), Highway Use Tax (HUT), and Highway Use Tax Web File (HUWF).

EDUCATION

Bachelor's of Science in Computer Science

University at Albany, SUNY - Albany, NY   *May 2014*