

A N D U O N G

E X P E R I E N C E

APRIL 2022 - CURRENT
IRVINGINGTON, NY

DRIBBLEUP LEAD SOFTWARE ENGINEER

- Owned and managed the development of mobile and connected apps for iOS, Android, Chrome Cast, and Amazon Fire, Apple Watch, and Apple Vision.
- Optimized native builds for dramatic speed improvement – now completing in just 7 minutes, from 60 minutes
- Pioneered support for 4 cutting-edge smart exercise equipments (Tennis, Baseball, Trampoline, and Weights)
- Enhanced software quality and reduced regression risks through the addition of a comprehensive automated end-to-end testing framework
- Optimized native code in Swift and Kotlin to provide 60FPS streaming

JULY 2021 - APRIL 2022
LOS ANGELES, CA

BUDEE INC. SENIOR LEAD SOFTWARE ENGINEER

- Slashed server hosting costs by 95%, achieving significant cost savings..
- Scaled the technologies to support \$20M in annual revenue and 300,000+ orders annually with more than 10 e-commerce channels.
- Spearheaded the development and engineering roadmap.
- Built a self-learning inventory algorithm that analyzes both sales and product impressions, leading to smarter stock management and improved customer satisfaction
- Developed a comprehensive vendor analytics dashboard to gain real-time insights into sales performance, enabling data-driven vendor management decisions
- Implemented automated testing, deployment, documentation, health checks, and CPU-based server scaling,

MARCH 2019 - JULY 2021
OAKLAND, CA

BUDEE INC. SENIOR SOFTWARE ENGINEER

- Built <https://budee.org> and iOS application.
- Built Budee App and Driver App with React Native.
- Built Budee Brand Plugin (an embeddable store to any website with one line of code).
- Co-developed a proprietary, high-performance routing algorithm that efficiently connects customers with the nearest available driver or store, significantly reducing wait times.
- Developed custom integrations with leading cannabis marketplaces, WeedMaps and Leafly, unlocking real-time store data and dramatically expanding sales channels.
- Developed seamless integrations with critical external services (payments, Metrc, AWS SES, SMS) to streamline operations and enhance customer experience.

JULY 2017 - MARCH 2019
SCOTSDALE, AZ

PAYPAL SOFTWARE ENGINEER

SITE STABILITY ENGINEERING | CORE PLATFORMS & INFRASTRUCTURES

- Owned and secured an internal query assistant web application used by over 2,000 engineers weekly, implementing two-factor authentication and optimizing back-end algorithms for 30-second post-modification database recovery.
- Developed a front-end for an internal VM remediation application, allowing for self-healing infrastructure and reduced downtime.
- Integrated a Python-based data quality application utilizing ticketing system data and visualizations to enhance data-driven decision making.

P R O J E C T S

DECEMBER 2023

AVI Cofounder

- Lead development for iOS and Android
- A customized Global Distribution System (GDS) flight booking platform offering exclusive discounts. Recognizing a market shift, we pivoted to a free flight tracking app that rewards users for flight disruptions.

A W A R D S

OCTOBER 2017
TEMPE, AZ

HACK FOR HUMANITY 2017 FIRST PLACE

OCTOBER 2017
TEMPE, AZ

PAYPAL OPPORTUNITY HACK 2017

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