

A N D U O N G

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EXPERIENCE

APRIL 2022 - CURRENT
IRVINGTON, NY

DRIBBLEUP SENIOR SOFTWARE ENGINEER

- Lead development for [iOS application](#) and [Android application](#)
- Optimized React Native codebase servicing 300,000+ subscribed users
- Added supports for 4 brand new smart exercise equipments; including native bluetooth integrations and apple watch integration.

JULY 2021 - APRIL 2022
LOS ANGELES, CA

BUDEE INC. SENIOR LEAD SOFTWARE ENGINEER

- Reduced server hosting costs by 95%
- Innovated, developed, and scaled the technology effort to support \$20M in annual revenue and 300,000+ orders annually with more than 10 e-commerce channels
- Oversaw all development and engineering initiatives
- Streamlined development lifecycle with automated testings, automated deployments, automated documentation, health checks, and automated server scaling based on CPU usage

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-authored proprietary blazing fast routing algorithm to connect customer to the nearest deployed driver/store.
- Authored a proprietary real-time, transaction safe, and concurrent post-processing message bus system using MongoDB.
- Authored proprietary integrations with WeedMaps and Leafly real-time store to further increase sale channels
- Authored integrations with many external services such as payments, Metrc (cannabis track and trace), AWS SES (automated emails), and SMS (customer communications)
- Implemented automated testings and code coverages

JULY 2017 - MARCH 2019
SCOTSDALE, AZ

PAYPAL SOFTWARE ENGINEER

SITE STABILITY ENGINEERING | CORE PLATFORMS & INFRASTRUCTURES

- Took ownership of an internal query assistant web application as the main engineer serving more than 2000 internal engineers and database analysts per week.
 - Integrated Two-factor authentication with SSO and PingID to increase application security.
 - Migrated 80% of the application's configurations to a dedicated NoSQL database.
 - Optimized back-end algorithms to enable database availability after any modification within 30 seconds. Thus, increased the application efficiency by 80%.
- Implemented front-end user interface for an internal virtual machine remediation application. The application is used to autonomously detect defected virtual machines and attempts to remedy it.

EDUCATION

NOVEMBER 2018
TEMPE, AZ

ARIZONA STATE UNIVERSITY COMPUTER SCIENCE, BS

SKILLS

LANGUAGES

TYPESCRIPT JAVASCRIPT JAVA SWIFT PYTHON BASH

TECHNOLOGIES

NODE BUN NEST REACT REACT-NATIVE FLASK AWS

TOOLS

GIT GITHUB JIRA JENKINS

AWARDS

OCTOBER 2017
TEMPE, AZ

HACK FOR HUMANITY 2017 FIRST PLACE

OCTOBER 2017
TEMPE, AZ

PAYPAL OPPORTUNITY HACK 2017