AN DUONG

Citizenship U.S Citizen
Phone (+1) 623-419-5908
Email an.duongx@gmail.com
LinkedIn LinkedIn.com/in/ahdng

EDUCATION

NOVEMBER 2018
TEMPE, AZ

ARIZONA STATE UNIVERSITY | COMPUTER SCIENCE, BS

EXPERIENCE

JULY 2021 - PRESENT
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 through 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 using Next.js
- Built Budee iOS App with React Native
- Built Budee Driver App with React Native
- Built Budee Brand Plugin
- A simple web plugin solution that brings Budee delivery service to any website
- Authored real-time, transaction safe, and concurrent post-processing message bus using MongoDB Change Streams
- Added integrations WeedMaps & Leafly real-time store to further increase sale channels
- Added integrations with many external services such as payments, Metrc (cannabis track and trace), AWS SES (automated email), and SMS
- Added automated testings and code coverage

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.

SKILLS

LANGUAGES

TYPESCRIPT   JAVASCRIPT   JAVA   PYTHON   BASH

TECHNOLOGIES

NODE   REACT   REACT-NATIVE   SPRING BOOT   FLASK   AWS

DEVELOPMENT TOOLS

GIT   GITHUB   JIRA   JENKINS

AWARDS

OCTOBER 2017
TEMPE, AZ

HACK FOR HUMANITY 2017 | FIRST PLACE

OCTOBER 2017
TEMPE, AZ

PAYPAL OPPORTUNITY 2017 | GALVANIZING AWARD