

A N D U O N G

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

E D U C A T I O N

NOVEMBER 2018
SALT LAKE CITY, UT

WESTERN GOVERNORS UNIVERSITY | COMPUTER SCIENCE, BS

E X P E R I E N C E

JANUARY 2018 - PRESENT
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. The application's technology stack includes Spring Boot for the back-end server; Node, Express, and Kraken for the mid-tier server; React, Redux, and Webpack for the client-side.
 - Implemented a redaction management system to remove highly secured data in real-time.
 - Integrated Two-factor authentication with SSO and PingID to increase application security.
 - Migrated 80% of the application's configurations to a dedicated NoSQL database.
 - Implemented an admin user interface to change application configuration and database settings in real-time.
 - Optimized back-end algorithms to enable database availability after any modification within 30 seconds. Thus, increased the application efficiency by 80%.
 - Optimized production built to serve static files at 10% of its original size through gzip, minify and uglify technique.
 - Rewrote half of the front-end codebase after React V16.0 upgrade and integrated Redux into the application.
- Implemented the entire 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. The application's technology stack includes Apache Tomcat for the back-end server; Node, Express, and Kraken for the mid-tier server; React, Redux, Webpack, and Gulp for the client-side.
 - Implemented BrowserSync and React Hot Loader for modules replacement without restarting the Node server and auto reload the browser. This increased development efficiency by 50%.
 - Integrated code checker bot into Github's Pull Request using Github's Hooks and Jenkins.
 - Integrated multiple RestAPI endpoints for the back-end application to fetch data through the pagination patterns.

JULY 2017 - DECEMBER 2017
SCOTSDALE, AZ

PAYPAL | SOFTWARE ENGINEER INTERN

DATA TOOLS ENGINEERING | CORE PLATFORMS & INFRASTRUCTURES

- Integrated a data quality application using data from an internal ticketing system with Python, Node, and Angular.
- Wrote 80+ regression/unit tests using Selenium and TestNG frameworks.

A W A R D S

OCTOBER 2017
TEMPE, AZ

HACK FOR HUMANITY 2017 | FIRST PLACE

OCTOBER 2017
TEMPE, AZ

PAYPAL OPPORTUNITY 2017 | GALVANIZING AWARD

S K I L L S

LANGUAGES

JAVASCRIPT JAVA PYTHON C# BASH

TECHNOLOGIES

NODE REACT ANGULAR SPRING BOOT FLASK ANDROID

DEVELOPMENT TOOLS

GIT GITHUB JIRA JENKINS