

Mackensie Alvarez

SENIOR SOFTWARE ENGINEER

Profile

Experienced Software Engineer passionate about innovation and automation. Earned Bachelor's Degree focused on Computer Science from New Jersey City University. Began coding as a hobby before High School and launched an amateur IOS game on the Apple Store before college.

Leadership Experiences

Contributor to Open Source

Worked on developing packages to make developers life easier

- [TD Ameritrade API Package](#)
- [Azure DevOps Helm Secrets extension](#)

- [Plaid API Package](#)
- [Plaid Fullstack App](#)

Employment History

Senior Software Engineer, The Estée Lauder Companies Inc, Long Island City, New York

JULY 2019 — PRESENT

In my current role, I am a member of the Estée Lauder Companies Cloud Platform team where I architect and deploy enterprise solutions based on the business needs. I work closely with the Microsoft Azure team and our vendors to provide solutions that automate their workload.

Listed below are some accomplishments:

- Reshaped and automated how we deploy to the cloud by developing a Cloud Platform dashboard. Features included:
 - Terraform code automation which made the process easier and fast by allowing us to generate Terraform code using a form.
Completion time went from 5 Days to 10mins.
 - Jira Integration to ensure the business gets updates in real-time.
 - Confluence Integration to provide the business and developers information about their infrastructure.
 - Dashboard created a CI/CD pipeline automatically per business request.
 - Full approval process that included sending a pricing sheet for every infrastructure to the Finance Department to increase transparency and approval quickly.
- Managed the Cost Optimization initiative such as right sizing infrastructure which as lead to millions in savings.

Lead Developer (Freelance), SternAegis Ventures, Remote

AUGUST 2019 — JANUARY 2020

I lead the development of the SternAegis Ventures management dashboard. I worked closely with the business and managing directors to

Details

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Links

[Website](#)
[GitHub](#)
[LinkedIn](#)

Skills

PHP
JavaScript
HTML & CSS
Swift & SwiftUI
Java
MySQL
TailwindCSS
Terraform
Automation
NGINX
Azure Logic Apps
Docker

Libraries & Frameworks

Atlassian Jira API
Atlassian Confluence API
Azure DevOps API
Azure Management API
Azure Report API
Azure AD SSO
Alpine.js
ARKIT
Charts.js
Inertia.js
Laravel
Laravel Livewire
Laravel Forge
PayPal API
Plaid IOS SDK
Plaid API
Service Snow API
Stripe
YouTube Analytics API

architect a solution that all their employees would use to automate their day-to-day tasks.

- Plan the software and infrastructure architecture that made the most sense for the business.
- Implemented data-driven features, real-time data and Single sign-on as well as conducted end-to-end Unit testing to ensure confidence.

Lead Mobile Developer, FoodFacts.com, Edison, New Jersey

DECEMBER 2016 — OCTOBER 2018

At Foodfacts, I was the lead mobile developer for both their IOS and Android application. Their first application was a hybrid app built with old technology. I quickly re-engineered their app and made it into a native application using Swift and Java. **The app was later acquired by SPINS.**

- Completely remade both their IOS and Android application to be native as well as partnered with designers on the UX experience.
- Developed a developer-friendly SDK which allowed users to use our API and data.
- Led the idea to implemented in-app purchases and monthly/yearly subscriptions features which led a **50% increase in revenue.**

Network Manager & Web Developer, Zoomin.TV - Forela Digital, Remote

JANUARY 2014 — JANUARY 2016

- Developed features such as collaboration tools and integrated the PayPal API to allow mass payments in their existing dashboard that improved the partner experience.

Internships

Software Engineer Intern at The Estée Lauder Companies Inc, New York City

JUNE 2018 — AUGUST 2018

As an Estée Lauder Companies Intern, I was responsible for working with the business and the Jo Malone brand. My day-to-day responsibilities included assessing in-store experience and developing ideas to improve the customers' experience with technology.

Key accomplishments during this internship were -

- Engineered an augmented reality application that allowed consumers to detect products and view the information by simply pointing their phones at the product using ARKIT, Object-Detection.
- Developed a solution catalog that was completely data-driven which permitted users to easily search for business capabilities.
- Architect a statistics system that personalized users dashboard based on their data.

Web Developer Internship at The Ideas Maker, New Jersey

JUNE 2016 — NOVEMBER 2016

Build Web applications using Laravel and PHP for several clients

Certifications

Swift, LinkedIn Assessments

PHP, LinkedIn Assessments

OKTA Single Sign On

Awards

2nd - Brother Inc Hackathon 2020

2nd – Estée Lauder Companies Hackathon 2019

1st – Estée Lauder Companies Hackathon 2018

1st – RU Cloud Machine Learning Hackathon 2016