

# Alexander Dean

SOFTWARE ENGINEER / Web Developer

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## EXPERIENCE

### Elyxr, Marietta GA — Full-Stack Web Developer

June 2024 - PRESENT

Developing and managing a full-stack e-commerce website utilizing a stack combination of NextJS and Shopify that sends orders to Amazon for fulfillment.

- Led Frontend Development for UX/UI
- Implemented Context API for state management
- Implemented Firebase Collections for storing customer information to use for email marketing.
- Implemented Amazon & Shopify API Integrations to automate the flow of the order process.

### HP Inc., Houston TX — Jr to Sr Software Engineer

Nov 2020 - May 2024

Lead software developer for my team which was in charge of launching and managing a global web application to sell and manage digital subscriptions, licenses, and contracts.

- Collaborated with cross-functional teams and executive leadership to define project goals, align on technical feasibility, and develop strategic execution plans, ensuring successful delivery of high-impact initiatives.
- Led/participated in SCRUM meetings daily to communicate goals and progress for our weekly goals.
- Mentored junior developers, providing code reviews, guidance, and training, which boosted team productivity and code quality.
- Led the UX/UI Design and Development for our project.
- Created a library of reusable JavaScript and React components.
- Improved Application Performance by reducing page load times and re-working API calls
- Integrated multiple RESTful API's for customer support, data, and information.
- Improved Testing Coverage through Selenium and Jest to ensure production and performance standards were met.
- Created code documentation and training videos to teach future employees how to run the code and understand components

## Program Languages

JavaScript (ES6)

TypeScript

HTML

CSS / Tailwind / SASS

Python

Java

PHP

## Frameworks / Libraries

React / React Native

Remix

Next.JS

AngularJS

## Back-End Skills

Node.JS

RESTful API Integration

GraphQL | SQL Queries

Authentication

## Back-End DataBases

MySQL

PostgreSQL

MongoDB

Firebase Cloud

## Platforms / Hosting

functionality.

- Created reporting logs to capture bugs, performance, and logs for upper management to review.
- Automated deployment workflows with GitHub Actions to reduce deployment time of new features.
- Onboarded new team members and led KT sessions to teach them the full scope of our project and their roles.
- Actively participated in Agile ceremonies such as daily stand-ups, sprint planning, and retrospectives, contributing to continuous improvement and efficient project delivery.

### **Haycock Design/Build Inc, Canton GA— IT / Web Developer**

Aug 2017 - Nov 2020

Web Developer and IT role for a small Architectural Construction Company to manage clients and generate new leads.

- Implemented a fully responsive and accessible Web Design
- Refined SEO Keywords and Meta information for improved marketing.
- Developed back-end file systems for company records

### **Monticello, Jacksonville FL— Web Developer**

2010 - 2014

Web Development role for a pharmaceutical drug company.

- Designed responsive UI/UX web flows and
- Improved SEO Marketing with keywords and meta information
- Led Marketing Advertisements through social media and google advertisements

**Projects and Demos are available here:**

#### **[Portfolio Website](#)**

**[www.ALD-Portfolio.com](http://www.ALD-Portfolio.com)**

My personal website to show off my projects and skills. There are a few demo projects that are available and more information on those projects here.

### **RELEVANT EDUCATION**

#### **General Assembly, Atlanta — Full-Stack Software Engineer**

January 2020 - May 2020

#### **University of West Georgia, Carrollton GA — BS Psychology**

January 2008 - May 2013

AWS

Azure

Vercel

Firebase

Shopify

Amazon

#### **Tools**

Git / GitHub

NPM

Postman

Visual Studio

JIRA

#### **Testing**

Selenium Automation

Jest

Cypress

#### **Additional Skills**

Agile Methodologies

SCRUM Methods

CI/CD

API Integrations

CLI

Security Practices

Performance Optimization

Problem Solving

Communication