

# Patrick Valera

Full Stack Software Engineer

[patrickvalera.com](https://patrickvalera.com) | [LinkedIn](#) | [Github](#)

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California (US citizen)

(willing to relocate)

## EDUCATION

Associates of Science - Mathematics

2018 - 2021

Associates of Science - Social Behavior

2018 - 2021

Bachelors of Science - Computer Science

2022 - 2024

❖ California State University Fullerton

❖ *Courses:* Object Oriented Programming, Data Structures, Discrete Structures etc.

## EXPERIENCE

Nucamp - Full stack developer

Jun 2022 - Oct 2022

❖ Acquired skills on backend technologies such as docker to manage product services.

❖ Deployed projects with the top 3 cloud providers - *Azure*, *AWS* and *Google Cloud*.

❖ Solved problems by developing performant algorithms with python and data structures.

Amazon - Warehouse ICQA

Sep 2019 - Present

❖ Handled thousands of packages as an inventory control and quality assurance associate.

❖ Oversaw shipment preparations and ensure it meets company standards.

❖ Stationed at a major hub that supplied to over 15 warehouses all over California.

## PROJECTS

Mock Trade - [Candelebra](#)

❖ Developed a real-time trading platform that involves mock companies and simulated prices.

❖ Implemented features such as real time price updates and request blocking.

❖ Utilized **Redux** to manage state and **websockets** for client-server communication.

Ecommerce Store - [Artifox](#)

❖ Implemented features such as login system and order placement.

❖ Developed an API that allows **CRUD** operations on the user, product and order list.

❖ Utilized paypal's software development kit to enable payments through paypal.

Inventory Manager - [Itori Manager](#)

❖ Developed a management system that tracks and controls package circulation.

❖ Implemented a websocket connection between client and server so the server can broadcast messages to the client.

Mobile App - [Worth Tracker](#)

❖ Utilized **React Native** to develop a cross-platform mobile app for **android** and **iOS**.

❖ Developed an app that tracks and projects a user's monthly net worth.

❖ Deployed a **REST API** that returns company profile and stock quotes for any stocks owned by the user.

## SKILLS AND AWARDS

### Awards

❖ [MongoDB Hackathon Winner](#)

❖ Hack4Pan Finalist

❖ Harvard CS50 Certificate.

### Technical Skills

❖ HTML5, CSS3, JavaScript, React, MongoDB, Redux, NodeJS/ExpressJS, NextJS, Material UI, Sockets

❖ Git, C++, Java, TypeScript, Python, .Net