

# JOSHUA MORGAN

FULL STACK DEVELOPER - React.js, Node.js, Express.js, MongoDB

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## Summary

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I am a **full stack developer** specializing in **React**, **Node.js (Express.js)**, **MongoDB**, and **Jest**. My current interests include **Next.js**, **TypeScript**, **Cypress.io**, **React Testing Library**, and **Storybook**. I have **3 years** of experience in the JavaScript ecosystem. And I have built and worked on web applications geared toward the general public and general industry.

## Projects

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### In-Season Produce Project ( [Code](#) | [View Site](#) )

**May 2023 - November 2023**

A full stack **Node.js (Express)**, **React** application for the person seeking to find in-season local produce.

- Developed **RESTful API** to control user functions using **Express.js** with **MongoDB** as a persistence layer while utilizing **React** on the frontend.
- Incorporated **React Router v6** for client-side routing, providing faster user experiences.
- Managed remote data w/ **React Query** simplifying data fetching, caching, and synchronization.
- Enforced secure data transfer protocols and encryption mechanisms and ensured user data remained protected via **JWT Tokens** and **HTTP Cookies**.

### React Job Simulator ( [Code](#) | [View Site](#) )

**December 2023 - March 2024**

Took part in job simulation program designed by Sr. React developer. Worked on error logging and monitoring tool built with **Next.js** framework, **React**, and **TypeScript**.

- Completed feature requests from **Kanban board** simulating professional work environment.
- Utilized **Storybook**, providing documentation of components and visual testing in isolation.
- Wrote automated tests with **Cypress**, improving proper project design and function.
- Built UI kit based on **Figma** designs, creating pixel-perfect rendering.

## Experience

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### Spartanburg Day School

**2013 – 2016**

**Upper School VISTAS Teacher** – Spartanburg, SC

- Supported learning disabled students (ADHD, Aspergers, Dyslexia, etc) in acquiring and applying the skills and know-how to succeed in a college-preparatory classroom, improving letter grades and confidence.

### Hanalani Schools

**2010 – 2011**

**Upper School Instructor** — Mililani Town, HI

- Built 10th grade English curriculum that conveyed core content while also inspiring collaboration, adaptive problem-solving skills, critical thinking, communication, and positive digital citizenship.

### Evangelical Christian School

**2007 – 2009**

**Upper School Instructor** — Fort Myers, FL

- Tailored Theology curriculum, giving students a personal and appropriate learning experience.
- Develop curriculum for Keyboarding class, leaving students with a comprehensive and interactive course.

## Education

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### Full Stack Software Engineering

**June 2020 – Feb 2023**

Launch School ( [Link](#) )

### Elementary Teacher Certification

**Aug 2011 — May 2012**

USC Upstate — Spartanburg, SC

### Masters of Arts in Teaching

**Aug 2004 – May 2007**

Bob Jones University – Greenville, SC