

Mitchell Underwood

Raleigh, NC

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Experience

Shopify - Remote

Software Engineer, Sep 2021 - May 2023

- Developed RESTful API microservices to facilitate picking, packout, and shipping workflows for client's robotic warehousing fulfillment service, written in Typescript and Node.js, deployed using Docker, Kubernetes and GCP. Services decreased average order fulfillment time for client.
- Participated in project scoping and scheduling, working closely with stakeholders to refine new product requirements and oversee development cycle, testing, and customer support. Decreased client order fulfillment time with newly revitalized weighted-item picking features.
- Ensured product integrity and cross-product consistency through code reviews and development of automated unit and interface testing. Lowered risk of product recall with early detection of workflow edgecase failures and bugs. Provided clarification of product limits to clients.

ResolveX - Raleigh, NC

Full Stack Engineer, May 2021 - Sep 2021

- Ensured visual consistency for initial product launch by implementing front-end render and event testing suite. Confirmed backend dataflow and security for initial product launch by implementing backend unit testing suite.
- Implemented frontend and backend validation logic to facilitate secured user roles and privileges. Securely stratified backend routes and data using custom Ts.ED middleware to prevent unauthorized user access.
- Worked with clients to design and implement front end administrative dashboard with React and Material UI components.

Full Stack Intern, Dec 2020 - May 2021

- Developed enjoyable customer experience and application functionality, creating pages and components with React, Typescript, and Material UI
- Expanded backend models, routing, and controllers to facilitate 40% increase in customer data flow, using Node.js, Express, and PostgreSQL.
- Excelled at rapid application development using Agile, CI/CD practices and ticket completion in weekly sprints

Projects

PolitiCandid - Repo

- In order to make voting and political research more efficient, I led a team of 4 to develop a political opinion matching application, to find candidates and voters with shared stances on key issues.
- I was integral in developing an online platform with user profiles, following, and candidate matching functionality, using React, Express, MongoDB, NodeJS, Material-UI and React Spring.

Education

UNC-CH, Remote

Certificate Web Dev

May 2020 - Oct 2020

UNC-CH, Chapel Hill, NC

MS Accounting

May 2016 - May 2017

UNC-CH, Chapel Hill, NC

BS Physics

May 2012 - May 2016

Skillset

JavaScript

TypeScript

HTML

CSS

React

Redux

Git

Github

GitLab

CI/CD

Agile

NodeJS

Express

Jest

SQL

PostgreSQL

MongoDB

Docker

Kubernetes

GCP