

Jacob White

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SUMMARY

Front-end Developer with experience creating responsive web applications that utilize databases and APIs. Capable of implementing data structures, design patterns, and object-oriented programming. Dedicated to learning and applying new skills, technologies, and industry practices.

PROJECTS

Tribuy Ecommerce

October 2023

Technologies: React, HTML, CSS, Tailwind, TypeScript, Nodejs, Express and PostgreSQL

- Persist user authorization using cookies and JSON web tokens
- Implemented responsive design and accessibility controls
- Designed a PostgreSQL database that queries data through REST APIs

Movie Cloud

July 2023

Technologies: React, Nextjs, HTML, CSS, Tailwind, Prisma, TypeScript and MongoDB

- Authenticate users through oAuth providers or standard sign-in
- Back-end API routes are protected with user authorization
- Designed MongoDB database that uses Prisma models

Pathfinding Simulation

January 2021

Technologies: HTML, CSS, JavaScript, Express and Nodejs

- Implemented a min-heap data structure to prioritize the shortest path
- Generates a grid that supports any device resolution
- Implemented a touch-screen drag and drop feature for mobile devices

TECHNICAL SKILLS

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|------------|------------|--------|---------|------------|---------|
| JavaScript | TypeScript | Python | Redux | PostgreSQL | MongoDB |
| React | Nextjs | Nodejs | Express | HTML | CSS |
| Tailwind | Bootstrap | Jest | Git | SEO | OOP |

EDUCATION

Missouri University of Science and Technology, Rolla, Missouri

2015 - 2019

- Completed 96 credit hours towards a B.S. in Chemical Engineering
- Relevant coursework: CS 1570, CS 1580, Calculus I, II, III, and Differential Equations