

Jacob A. White

Web Developer | Rolla, MO 65401 | (816) 898-9973

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SUMMARY

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

SKILLS

JavaScript	CSS3	HTML5	TypeScript	React	Nodejs
Bootstrap	Express	Nextjs	MongoDB	Python	Git
PostgreSQL	NPM	Jest	JSON	Tailwind	OOP

PROJECTS

Tribuy Ecommerce - 10/2023

Technologies: React, HTML5, CSS3, Tailwind, TypeScript, Node.js, Express and PostgreSQL

- Uses cookie/jwt based authentication to persist user sessions
- Responsive design and mobile friendly
- Implemented PSQL database that references five tables

Movie Cloud - 07/2023

Technologies: React, HTML5, CSS3, Tailwind, Prisma, TypeScript and MongoDB

- Uses jwt based authentication to persist user sessions
- Back-end API routes are protected with user authorization
- Implemented MongoDB database that uses Prisma models

Maze-solving Simulation - 01/2021

Technologies: HTML5, CSS3, JavaScript, Express and Node.js

- Uses a min-heap data structure to prioritize the shortest path
- Dynamically generates a grid that supports any device resolution
- Implemented touch-screen support for mobile devices

Restaurant Reviewer - 05/2020

Technologies: React, HTML5, CSS3, Bootstrap, JavaScript, Node.js, Express, and MongoDB

- Uses Google Map API to locate restaurants based on unique ID stored as JSON data
- Manage user data using back-end CRUD operations with REST APIs
- Implemented MongoDB aggregation to merge user reviews

EDUCATION

Missouri University of Science and Technology - Rolla, MO

2015 - 2019

- Completed 96 credit hours towards a B.S. in Chemical Engineering
- Relevant coursework: CS 1570, CS 1580, Calculus 1, 2, 3, Physics 1, 2, and Differential Equations