

# Jacob A. White

Front-end React Developer | Rolla, MO 65401 | (816) 898-9973  
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## SUMMARY

Front-end React 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

### Movie Cloud - 07/2023

Technologies: Reactjs, 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

### Profile Auth - 11/2022

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

- Uses cookie based authentication to persist user sessions
- Authenticate users by session cookie, or email and password
- Implemented PSQL database that stores encrypted user data

### 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