

Pete Richards

Full Stack Engineer

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PROJECTS

Full Stack Engineer

Blurb — Nov, 2023 - Present

- Collaborated with a dynamic team of five to successfully design and deploy a robust full-stack MERN application within a challenging one-week timeframe
- Led backend development lifecycle through creation of database architecture, custom middleware, resolvers, type definitions, and more Implemented complex mutations and queries based on GraphQL resolvers and type definitions, seamlessly integrating backend functionality into the client-side, resulting in an interactive and responsive user experience
- Utilized cutting-edge technologies, including React, MongoDB, Node.js, GraphQL/Apollo, JWT, MaterialUI, and React Router, to deliver a high-performing and feature-rich application
- Future development will include direct messaging, adjustable themes, PWA integration, and multi-factor authentication

Full Stack Engineer

Dev Row Records — Oct, 2023

- Designed and developed the complete backend architecture, including database modeling, schema creation, controller implementation, API endpoints, and CRUD operations
- Implemented custom middleware to enhance security, data validation, and request processing, contributing to the overall robustness of the backend infrastructure
- Effectively delegated tasks and responsibilities to team members, fostering a collaborative and efficient work environment
- Demonstrated problem-solving skills by providing guidance and assistance to team members whenever questions arose or challenges needed resolution, ensuring a smooth development process
- Oversaw frontend development, leading UI/UX design and functionality for an intuitive and engaging user experience

Backend Developer

Game Seekers — Sep, 2023

- Oversaw frontend development, leading UI/UX design and functionality for an intuitive and engaging user experience
- Created a dynamic randomization function to diversify game recommendations for the same user input, enhancing the project's uniqueness compared to conventional search engines
- Designed and implemented a user-friendly feature allowing users to input preferred video games, which, through a series of API calls and data manipulation, generated lists of similar games, ensuring a unique and personalized user experience
- Collaborated closely with frontend developers to support overall UI/UX design and seamless integration of backend features
- Demonstrated strong problem-solving and teamwork skills, actively collaborating to resolve bugs and roadblocks encountered by team members throughout the development process

RELEVANT EXPERIENCE

Assistant Branch Manager, Enterprise Rent-A-Car

2016-2020

- Strategically expanded the flagship branch fleet from 250 to 500 vehicles, while maintaining a 96% utilization rate, propelling the branch to the top in profitability across Ohio, Indiana, and Kentucky
- Achieved a historic 98 ESQi (Enterprise Service Quality index), the highest customer service score in Midwest Group's history for a flagship branch, and successfully mentored over 15 employees for promotion to management roles within a year
- Excelled as the premier Assistant Manager in the Midwest Group by crafting and executing tailored marketing strategies, leveraging team strengths to enhance corporate account relations and performance
- Voluntarily transferred to the lowest-performing branch in Colorado to showcase management skills; successfully raised customer service score (ESQi) by 15 points and increased operating profit by 20% within two months
- Exemplified outstanding leadership by steering a dynamic team of over 30 professionals, overseeing comprehensive branch operations with a steadfast commitment to industry best practices and operational excellence

EDUCATION

B.S. in Integrated Media

Ohio University, Athens, OH — Aug, 2011 - May, 2016

Minor in Business Administration

Full Stack Web Development Certificate

University of Denver, Denver, CO — Aug, 2023 - Nov, 2023

COURSES

CS50 - Introduction to Computer Science Certificate of Completion

Harvard University (edX) — Jun, 2023 - Present

LINKS

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

SKILLS

Communication

Leadership

Problem-Solving

Creativity

Adaptability & Self-Learning

Algorithmic Thinking

Initiative

Agile Development

Team-Building

Emotional Intelligence

Teamwork & Collaboration

Self-Motivated

Project Management

Research

Data Analysis

Data Visualization

JavaScript

VS Code

MongoDB, Mongoose, Atlas

React

Vite

Heroku, Netlify, GitHub Pages

Node.js

npm

GraphQL, Apollo

Material-UI, Bootstrap

jQuery

Express.js

MySQL

C

Python