Justin Luce
React, C#, .NET

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Full-stack developer with 3+ years of experience teaching and developing scalable, secure web applications. Proficient in React, C#, and .NET, with a strong focus on performance optimization and robust architecture. Passionate about leveraging technical expertise and problem-solving skills to deliver impactful projects that positively serve the community.

SKILLS

- **Programming Languages**: JavaScript, TypeScript, C#, .NET, SQL
- **Frontend Development**: React.js, HTML5, CSS3, Jest
- **Backend Development**: Node.js, .NET Core, MySQL, GraphQL
- **Software**: Git, Azure, Docker, CI/CD

EXPERIENCE

Code Academy Director   Omaha, NE
Midland University   October 2022 – Present
- Designed and implemented a full-stack curriculum, leading to a 90%+ job placement rate for graduates.
- Mentored over 30 students, enhancing their technical and problem-solving skills.
- Established best practices for code reviews, project assessments, and software development workflows.

PROJECTS

Collaborative Notes App (React, C#, SQL)
- Engineered a real-time collaborative notes app with C#, enabling multiple users to edit synchronously with less than 100ms latency.
- Implemented a document history feature, allowing users to undo, redo, and restore past versions.

AI Chatbot (React, Python)
- Built an AI-powered chatbot using React and Python, processing conversations with contextual memory to retain user preferences across sessions.
- Implemented dynamic personality-adaptation, increasing user engagement by simulating human-like responses.
- Optimized the response generation time, increasing efficiency by 60%.

Pathfinder (React)
- Developed an interactive pathfinding application in React, dynamically calculating optimal routes with Dijkstra's algorithm.
- Enabled obstacle-based route adjustments, improving real-world simulation accuracy.
- Optimized query execution and rendering speed, achieving a 40% reduction in load time for complex routes.

Fever Dream (C#, Unity)
- Designed and developed a variety of mini-games in multiple genres, blending unique mechanics into a seamless experience.
- Implemented custom AI behaviors, physics-based interactions, and procedural elements to enhance the player experience.
- Optimized asset management, rendering pipelines, and data handling to ensure consistent and ideal performance.

EDUCATION

Metropolitan Community College   Omaha, NE
Coursework towards Associate Degree in Computer Programming   2021 - 2022