| SUMMARY  Full-stack web developer with 3 years of experience teaching and building web applications. Proficient in React, C#, and .NET, specializing in building scalable and secure applications. Passionate about problem-solving, performance optimization, and building impactful projects that serve the community.  EXPERIENCE  Midland University, Omaha NE *- Code Academy Director*  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.   PERSONAL PROJECTS Collaborative Notes App (React, C#, SQL) https://justinlucedev.com/notes  * 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) https://justinlucedev.com/penny  * 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) https://justinlucedev.com/pathfinder  * 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) https://justinluce.itch.io/feverdream  * 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  **University of Nebraska Omaha *-*** *Computer Science*  2018 - 2022  SKILLS **Programming Languages:** JavaScript, TypeScript, C#, .NET, SQL**Frontend Development:** React, HTML5, CSS, Jest**Backend Development & APIs:** Node.js, .NET Core, RESTful APIs, GraphQL**Databases & Data Management:** MySQL, PostgreSQL, MongoDB, SQL Server**Cloud & DevOps:** Azure, Docker, Kubernetes, CI/CD (GitHub Actions, Azure DevOps)**Version Control & Development Tools:** Git, GitHub, GitLab, Visual Studio, VS Code |
| --- | --- |