JOHN GAHAGAN

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SUMMARY

I am a motivated computer science student with a strong foundation in full-stack development and AI projects. Experienced in building scalable web applications and collaborating with cross-functional teams to deliver high-quality software solutions. Seeking an entry-level software engineering role to apply expertise in React, Node.js, and cloud technologies.

EDUCATION

Western Kentucky University | *2020 – 2025*
Bachelor's, Computer Science

Data Structures and Algorithms Analysis, Database Management Systems I and II, Game Programming, Computer Organization and Architecture, Software Engineering, Discrete Structures, Technical Writing, Big Data with its Applications, Operating Systems, Intro to Unix, Emerging Technologies with AI

PROFESSIONAL EXPERIENCE

Outlier, Remote, USA | Software Engineer | *June 2024 - Present*
- Reviewed and assessed over 100 AI-generated coding solutions, ensuring compliance with project standards and improving model performance accuracy.
- Collaborated with peers to ensure consistency and accuracy of assessments, providing constructive feedback for improvement.
- Contributed to project quality by refining grading criteria and enhancing the overall evaluation process.

Radical AI New York City, NY, USA | Software Engineering Intern | *April 2024 - July 2024*
- Built and optimized ReX, an AI Coach, using OpenAI, Node.js, and React, providing personalized coaching and mentorship to 100+ users.
- Worked with a team of 50+ members on projects including a real-time chatbot using Firebase and a virtual teaching assistant, enhancing teamwork and technical skills

Affordable Electric LLC, Franklin, KY, USA | Electrical Technician Helper | July *2018 – April 2024*
- Supported the installation and maintenance of electrical systems, gaining hands-on experience with cables and wiring, enhancing my understanding of technical systems.
- Collaborated in a team to ensure the efficient execution of projects involving complex wiring solutions, fostering a solid foundation in teamwork and technical applications.

PROJECTS

Quiz Website - Firebase, Express.js, React, Node.js **August 2024 – October 2024**
- Developed a full-stack quiz platform allowing users to create accounts, take quizzes, view scores, and track progress with a responsive web interface.
- Implemented admin functionality to manage quizzes and questions, integrated user authentication with Firebase, and optimized real-time data updates.
- Hosted the application on a Node.js server and utilized Firebase for secure and efficient data handling.

Portfolio Website - HTML, CSS, JavaScript, React.js, Tailwind CSS, AWS Amplify **September 2023 - Ongoing**
- Created a modern portfolio website to showcase projects and skills in web development and responsive design.
- Implemented advanced CSS techniques and React features for optimal user experience and engagement.

Lemmings Clone - Unity, C#, Visual Studio, XAMPP, Software Engineering **August 2023 - December 2023**
- Developed a game clone with a focus on logic, UI design, and engaging gameplay mechanics.
- Leveraged Unity's physics engine and C# scripting to create complex game dynamics
- Utilized Agile methodologies, including regular sprints and scrum meetings, to ensure timely delivery.

SKILLS

Programming Languages: Java, Python, C, C++, C#, JavaScript, TypeScript, HTML/CSS, PHP

Frameworks and Libraries: React, React Native, Angular, Node.js, Django, .NET

Tools and Technologies: AWS (EC2, Lambda, S3), Git, Linux/Unix, Google reCAPTCHA, Stripe

Databases: SQL, MySQL, Firebase, NoSQL,

CERTIFICATIONS

Amazon Web Services | Certified Cloud Practitioner | March 2024 – March 2027