Warren Spencer

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WORK EXPERIENCE

Reality AI Lab: *Software Developer*   December 2024 – present

- Contributed to the open-source full-stack development for Marvel AI, an AI Teaching Assistant that assists educators with high-quality generative AI teaching tools.
- Enhanced the frontend of educational tools for Marvel AI with React, optimized Next.js performance by improving component rendering, resulting in smoother interactions and more responsive functionality.
- Collaborated on the integration of scalable backend services for Marvel AI utilizing Python and Node.js, optimizing performance to handle increasing traffic and ensure smooth operation.
- Streamlined data coordination between Firestore DB, Firebase Realtime DB, and Redis, optimizing performance for faster and more efficient AI workflows.
- Improved and optimized source code for the Marvel AI project through GitHub, contributing to seamless CI/CD workflows using GitHub Actions for automated deployments.

Outlier: *AI Trainer*   June 2024 – February 2025

- Worked on projects to help improve generative AI tools to be more proficient and accurate.
- Evaluated code in responses in languages such as Java, Python, JavaScript, and TypeScript, ensuring code quality and consistency, which improved the overall reliability of AI-generated solutions.
- Analyzed use cases for AI tools involving APIs to provide better API performance.
- Tested AI tools and provided feedback on prompts and responses, which contributed better to the development of more effective AI models.

Florida Blue: *Application Developer Intern*   May 2023 – August 2023

- Collaborated with colleagues to develop software applications on the Preferences and Consents (P360) team, enhancing team productivity and project outcomes.
- Successfully extended the development of the P360 Retry Mechanism project, improving system reliability and performance.
- Enhanced the UI/UX of the P360 Retry Mechanism application with React and Node.js, driving significant improvements in user satisfaction, engagement, and overall product performance.
- Tested and validated RESTful APIs using Postman and Swagger, ensuring seamless data exchange, robust system integration, and improved application reliability.
- Executed user stories on Rally within the Scrum Agile framework, driving iterative development and ensuring timely delivery for the P360 Retry Mechanism project.

EDUCATION

University of Alabama at Birmingham | Birmingham, AL
Bachelors of Arts, Computer Science

SKILLS

- **Languages:** Python, Java, JavaScript, TypeScript, HTML, CSS, C#, SQL.
- **Frameworks/Libraries:** React, Next.js, Flask, Spring Boot, .NET, Node.js, React Native.
- **Cloud/Databases:** Amazon Web Services (S3, EC2, Lambda, RDS, DynamoDB), Google Cloud Platform, MySQL, PostgreSQL.
- **Tools:** Git, GitHub, GitLab, Postman, Swagger, Visual Studio Code, Eclipse, IntelliJ.
- **Soft Skills:** Communication, Team Collaboration, Problem-Solving, Time Management, Adaptability, Flexibility.