

# Warren Spencer

[warrenspencer41@gmail.com](mailto:warrenspencer41@gmail.com) | [linkedin.com/in/warrendavidspencer/](https://www.linkedin.com/in/warrendavidspencer/) | [Portfolio](#) | [GitHub](#)

## WORK EXPERIENCE

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### Reality AI Lab: Software Developer

December 2024 – present

- Contributed to the open-source full-stack architecture for Marvel AI, an AI Teaching Assistant that assists educators with generative AI tools.
- Enhanced frontend of educational tools for Marvel AI utilizing React.js and optimized Next.js performance by improving component rendering for smoother interactions and functionality.
- Integrated scalable back-end services for Marvel AI using Python and Node.js.
- Coordinated stored data in Firestore DB, Firebase Realtime DB, and Redis for fast AI workflows.
- Maintained source code and contributed to team workflows through GitHub and automated CI/CD pipelines using GitHub Actions.

### Outlier: Software Developer - 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 Development Intern

May 2023 – August 2023

- Collaborated with colleagues to develop application software 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.
- Utilized React.js and Node.js in order to optimize the UI/UX of the P360 Retry Mechanism application, enhancing user satisfaction and engagement.
- Tested REST APIs on Postman and Swagger, ensuring seamless data exchange and system integration.
- Completed tasks in user stories on Rally, supporting efficient project management and contributed to writing technical documentation for the P360 Retry Mechanism.

## EDUCATION

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### University of Alabama at Birmingham | Birmingham, AL

Bachelors of Arts, Computer Science

## SKILLS

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