

# Justin Ribarich

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## Technical Skills

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**Languages:** HTML/CSS, JavaScript, Python, PHP, NoSQL (MongoDB), SQL (Postgres, MySQL, MSSQL)

**Frameworks:** React, Redux (Toolkit), Node.js, Express.js, Laravel, Next.js

**Developer Tools:** Git, Babel, testing, Webpack, Vite, VS Code, AWS, Docker, Redis

**Libraries:** Tailwind CSS, Bootstrap, Axios, React (Router, Query)

## Experience

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### Full Stack Developer

NYITCOM

Aug 2023 – Present

Old Westbury, NY

- Architect, build, and maintain multiple custom full-stack web applications for faculty and staff across two campuses, reducing reliance on third-party vendors and significantly cutting costs.
- Developed a full-featured NFC check-in system for Parkinson's patients, enabling tap-based check-ins and admin tools for patient-tag assignments and event management — eliminating the need for expensive vendor solutions.
- Utilize Docker daily to containerize and deploy applications across environments; troubleshoot and maintain production containers; currently implementing a CI/CD pipeline using DockerHub.
- Integrate third-party APIs (e.g., REDCap API) to enhance application functionality and streamline research workflows.
- Continuously improve existing applications, modernizing codebases and adding user-requested features to enhance productivity.
- Provide comprehensive IT support, including custom PC builds for faculty research, server and network configuration, and general technical assistance for students and staff.
- Gained extensive Linux experience while supporting research and dev environments across departments.

### Software Engineer

Caribu

Dec 2022 – July 2023

New York, NY

- Used Babel's tools to identify middleware dependencies, enhance users code understanding, and improve the ability for users to make changes and updates to their existing application with a complex code analysis
- Implemented React Router for improved navigation and user experience due to its flexibility, ease of use, and extensive documentation, giving users a number of various views of their applications structure
- Utilized Redux Toolkit for streamlined state management, resulting in a centralized and predictable state, unidirectional data flow and streamlined debugging, as well as a solid template for scaling in the future
- Incorporated TypeScript to improve code reliability and maintainability by enabling elasticity through reusable types, as well as allowing new developers to understand the codebase easier
- Constructed application using Electron allowing for increased development speed, cross-platform support, and use of its large community of developer support

## Education

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### Farmingdale State College

Bachelors of Science

Farmingdale, NY

magna cum laude