

BRADY FRIESE

SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

Software Engineer, Mindex

Jun 2021 - Aug 2023

- Maintained and enhanced 10+ legacy retirement applications and microservices for Paychex Inc., fixing bugs, refactoring Java, JavaScript, and Python code, and delivering compliance-driven features to meet evolving legal standards.
- Built and released new Java microservices and RESTful APIs as part of 5-person development team, cutting latency for Oracle database procedures and front-end systems by 50%.
- Led the development of 4 React.JS web interfaces for Paychex Flex, enabling hundreds of thousands of users to better visualize their 401(k) distribution history through interactive tables and graphs.
- Established automated testing using Python and Robot Framework while mentoring department teams, improving testing efficiency and code quality by 30%
- Partnered with stakeholders to define requirements, clarify backlog items, and document features in Jira and Confluence, simplifying planning and keeping delivery on track.

Software Development Intern, Fujifilm North America Corporation

Jan 2020 - Aug 2020

- Contributed to a cloud photo kiosk platform built with Vue.js, JavaScript, and TypeScript, allowing customers to print photos and order custom products at 1,000+ retail locations across North America.
- Improved menu performance and overall system stability across the kiosk stack, reducing crash frequency by 50% and speeding up menu navigation by 20%.
- Fixed bugs across the full kiosk stack, including UI, backend, and MongoDB, and helped develop a new order management system with automated cleanup logic and efficient data handling ahead of the beta launch.

Assistant Language Teacher, Hamada Commercial Business High School

Aug 2023 - Oct 2024

- Developed and taught English language lessons to 400+ students across 3 schools, improving participation and retention through interactive and engaging instruction.

PROJECTS

AniRec.io, <https://anirec-io.onrender.com>

Jun 2025 - Present

- Built a full-stack anime recommendation app using GPT-4o, LangChain, and AniChart's GraphQL API to interpret user prompts and dynamically query anime data.
- Created a React/Vite frontend where users can ask for anime recommendations based on their favorite shows, with a clean, mobile-friendly interface and natural language support.

SKILLS

Languages and Technologies - JavaScript, TypeScript, React.js, Node.js, Express.js, Python, Java, SQL, MongoDB, GraphQL, REST APIs, LangChain, Tailwind CSS, HTML, CSS, C#, C++, Robot Framework, Spring

Tools- Git, CI/CD, Jenkins, Gradle, Vite, GitHub Copilot, LLMs

EDUCATION AND CERTIFICATIONS

Rochester Institute of Technology – BS in **Game Design & Development**; BS in **Applied Modern Language & Cultures (Japanese Option)**

WebML101: Google AI for Anyone (Google, Jan 2025)

ADDITIONAL INFORMATION

- **Languages:** English (Native) , Japanese (JLPT N2)