

Brady Frieese

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EXPERIENCE

Software Engineer

June 2021 – August 2023

Mindex

Rochester, NY

- 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

January 2020 – August 2020

FUJIFILM Holdings America Corporation

Rochester, NY

- 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
- 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

August 2023 – October 2024

Hamada Commercial Business High School

Hamada, Shimane, Japan

- Developed and delivered engaging English language curriculum to 400+ students across 3 schools, resulting in improved student participation and language retention rates.

PROJECTS

AniRec.io | anirec-io.onrender.com | *JavaScript, Node.js, React, LangChain, GraphQL*

June 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.

TECHNICAL SKILLS

Languages and Technologies: JavaScript, TypeScript, Python, Java, C#, C++, React.js, Node.js, Express.js, Spring Framework, LangChain, Robot Framework

Databases & Web Technologies : PostgreSQL, MongoDB, GraphQL, RESTful APIs, HTML, CSS, Tailwind CSS

Developer Tools: Git, Docker, CI/CD, GitHub Actions, Jenkins, Gradle, Vite, Webpack, GitHub Copilot, Large Language Models (LLMs)

EDUCATION

Rochester Institute of Technology

Rochester, NY

Bachelor of Science in Game Design and Development

August 2017 – May 2021

Rochester Institute of Technology

Rochester, NY

Bachelor of Science in Applied Modern Language and Cultures

August 2018 – May 2021

Google

Online

WebML101: Google AI for Anyone

January 2025

ADDITIONAL INFORMATION

Languages: English (Native), Japanese (JLPT N2 certified).