TJ LIEBSCH
S O F T W A R E   E N G I N E E R

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PROFESSIONAL OVERVIEW

I'm currently an AI Engineer for PS Publishing, have completed an internship with Radical X, and I am AI certification from Amazon. I also worked as a backend developer for Saint Michael Cinema, where I learned how to create and use APIs to connect our cloud storage to the webpage. With my experience as an AI engineer and a backend developer, I can be the software developer you need.

WORK EXPERIENCE

AI Engineer

PS Publishing, Arlington, SD | May 2025 - Present

- Developing AI software for an audio book generator by expanding on existing open-source GitHub projects and fine-tuning to clone each author's voice and book
- Managed donor information through our contact management system by creating databases to help manage more than 9,000 different contacts
- Constructed and executed client donation routes with Microsoft Office to raise around $30,000 for the company each year

AI Engineer Intern

Radical X, Remote | May 2024 - Aug 2024

- Started as an AI developer and was promoted to team lead in my first 3 weeks and promoted again 2 weeks later to project manager
- Trained in AI development using Google Cloud Platform and AI Development tools, including Vertex AI, LangSmith, TensorFlow, PyTorch, and Scikit-learn libraries like SciPy
- Collaborated alongside 4 team members to develop AI tools for Radical X that will assist 250+ teachers in the alpha phase in 2024
- Independently identified and resolved cross-team issues, accelerating project timelines

Backend Developer

Saint Michael Cinema, Saint Michael, MN | Jan 2024 - Apr 2024

- Collaborated with 3 frontend developers to build a full-stack event booking platform with an admin page using React, Rest API, Git and Azure SQL Database
- Built all the connections from the webpage to the database using Swagger UI as an API
- Worked with an area client to create a general event booking website with full backend connection

EDUCATION

Bachelor of Science Software Engineering
Saint Cloud State University
2021 - 2025

PROJECTS

AI Game Development
- Develop an MVP
- Use OpenAI's API to generate AI Images

Applied Undergraduate Research
- Led a team to develop and released the game

SKILLS

- Python, C#, C++, React.js, HTML, CSS, and MySQL
- Google Cloud Platform
- Machine Learning
- PyTorch
- Rest API
- CI/CD Pipelines
- Communication
- Teamwork

CERTIFICATES

AWS Certified AI Practitioner
AIF-C01
2026

Huskies Highlight Recipient
Saint Cloud State University
2025