

Jack Adamczyk

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Portfolio: <https://jackadamczyk.vercel.app> | GitHub: <https://github.com/Adamjackczyk> | LinkedIn: <https://www.linkedin.com/in/jack-adamczyk>

Summary

Frontend-focused Full-Stack Developer with strong experience in React, TypeScript, and Tailwind CSS. Skilled in building modern, performant, and scalable web applications with solid exposure to Node.js, Next.js, and AWS (EC2, S3). Certified in Full-Stack Development and currently pursuing a B.S. in Computer Science. Blends front-end engineering with creative coding (Three.js, GLSL shaders) to deliver interactive, high-impact user experiences.

Technical Skills

Frontend: React, Next.js, Tailwind CSS, Storybook, Vitest, Webpack, Yarn

Backend: Node.js, Express, TypeScript, Python (scripting)

Cloud / Infra: AWS (EC2, S3), GitHub Actions

Databases: PostgreSQL, MongoDB

Concepts: REST APIs, Webhooks, CI/CD, Agile/Scrum, UI/UX Collaboration

Familiar With: React Native

Experience

Software Engineer Extern (Remote) – Electric City Aquarium & Reptile Den

TripleTen Externship | May 2024 – Aug 2024

- Built an interactive React/TypeScript/Tailwind kiosk app with i18n and flag-based toggles, enabling **hundreds of daily visitors** to explore exhibits in their preferred language.
- Documented UI components in **Storybook** and added unit tests with **Vitest** to ensure maintainability and scalability.
- Collaborated with a 5-person team in Agile sprints, completing 15+ Jira tasks and submitting multiple GitHub PRs with peer code reviews.

Frontend Developer – Portfolio Projects | 2024 – Present

Galaxy Shader Generator

- Developed a Three.js + GLSL simulation rendering **500,000+ animated stars at 60fps**, showcasing GPU optimization and creative engineering skills.
- Demonstrates ability to push performance limits while delivering visually striking, interactive UIs.

WTWR Weather App

- Created a React + Node.js + Tailwind application integrating SQL and real-time weather APIs to recommend weather-appropriate outfits.
- Implemented a clothing database of 100+ items, linking daily forecasts to personalized user suggestions.

Pokémon Explorer

- Built a responsive React app consuming **PokeAPI**, designed with reusable UI components and optimized API calls.
 - Highlights strong frontend integration, API handling, and mobile-friendly design.
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Education

Columbus State University – B.S. Computer Science (In Progress, Junior)

Track: Game Development / Software Development

TripleTen Software Engineering Certificate (2025)

Full-Stack Web Development: React, Node.js, Express, MongoDB, SQL