Christopher Ernst-Fortin

Atlanta, GA 30305 770-722-4302 cernstfortin@gmail.com linkedin.com/in/chris-ernstfortin

Education

Rensselaer Polytechnic Institute at Troy, NY	**May 2025**

Bachelor of Science in Information Technology and Web Sciences (ITWS)   Minor: Economics   GPA: 3.22/4.00

Technical Skills

TypeScript - JavaScript (ES6+) - Python - C/C++ - Node.js - Express - bcrypt - React - jQuery - PHP - MongoDB
Mongoose - MariaDB - SQL - REST APIs - Docker - Azure - PowerApps - Power Automate - SharePoint Lists - AWS
Git/GitHub - Figma - Agile - NodeMailer - AI Integration - HTML - CSS - Web Design - Linux - R - Machine Learning

Professional Experience

REPAY - Realtime Electronic Payments | *Software Sales Engineer* | Atlanta, GA   **Jun 2025 - Oct 2025**
- Worked with enterprise clients, sales, and engineering teams to support custom payment integrations using REST APIs and SDKs.
- Led technical discovery calls and delivered 10+ live demos and 3 API walkthroughs for enterprise prospects and clients.
- Onboarded 20+ client integrations, guiding authentication, data flows, and production deployment.
- Resolved 60+ integration issues, improving system reliability and reducing client time-to-launch.
- Translated client business requirements into clear technical implementation plans for payment integrations.

J&J MedTech Supply Chain Product Availability App | *Software Engineering* | Troy, NY   **Jan 25 - May 25**
- Developed a Microsoft PowerApp to streamline product availability notifications for the Global MedTech Supply Chain Customer Service team.
- Designed admin and customer service interfaces for managing access and notifications.
- Integrated SharePoint Lists for structured data management and strict access control.
- Coordinated with supply chain and customer service teams during application development.

GamesThatWork | *Software Engineering Intern* | Atlanta, GA   **Mar 2024 - Aug 2024**
- Collaborated with development, QA, and UX teams to support new software releases and feature deployment.
- Designed and implemented secure authentication system using Google Firebase and JavaScript, enabling user account management and protected feature access.
- Resolved 51 GitHub issues via pull requests, improving system stability and release readiness.
- Contributed to deployment of 5 new features across 2 production versions.

Projects

PatchNotes | *Software Engineering and Design class project* | Troy, NY   **Jan 25 - May 25**
- Collaborated with a team to develop PatchNotes, a web app that aggregates legislative updates from the government APIs and provides AI-generated summaries.
- Developed the back-end using Node.js, Express, MongoDB, implementing secure user authentication, database integration, and RESTful API endpoints.
- Implemented bookmarks, multi-criteria filtering, and NodeMailer email alerts for personalized updates.

King Ferry Presbyterian Church | *Web Page Project Manager* | King Ferry, NY   **Sep 24 - Dec 24**
- Led a team of 4 to design and develop a responsive website to showcase church events, services, and outreach.
- Built using HTML, CSS, and JavaScript, focusing on a user-friendly interface and accessibility.
- Integrated interactive features, including an events calendar and contact form, to enhance engagement.

Travercity | *Software Engineering and Design class project* | Troy, NY   **Sep 23 - Dec 23**
- Collaborated to design a web app to streamline travel planning with features like itinerary creation and real-time weather updates.
- Integrated APIs for weather data and location-based recommendations to enhance user experience.

MaLung | *Software Engineering and Design class project* | Troy, NY   **Sep 22 - Dec 22**
- Collaborated in a team of 3 to design an online COVID-19 AI classifier to detect cases in lung scans.
- Managed back-end / DevOps tasks, hosted on Microsoft Azure and containerizing development with Docker.
- Designed a responsive UI in Figma and implemented a database with MariaDB integrated through a PHP back-end.

Certifications

Oracle Cloud Infrastructure 2023 Certified Foundations Associate