

Christopher Ernst-Fortin

Atlanta, GA 30305 | 770-722-4302 | cernstfortin@gmail.com | [linkedin.com/in/chris-ernstfortin](https://www.linkedin.com/in/chris-ernstfortin) | ernstc2.github.io

Executive Summary

RPI ITWS graduate and former Sales Engineer with experience implementing payment integrations and building analytics products. Strength in translating business financial needs into technical dashboards and tools. Targeting early-career technology consulting, business/systems analyst, and data/BI analyst roles.

Professional Experience

Sales Engineer | *REPAY - Realtime Electronic Payments* | Atlanta, GA **Jun 2025 - Oct 2025**

- Served as primary technical liaison between enterprise clients, internal sales, and engineering teams, translating complex business payment requirements into actionable integration blueprints using REST APIs and SDKs.
- Led 10+ live product demonstrations and 3 end-to-end API walkthroughs for enterprise prospects, directly supporting the sales cycle and accelerating deal progression.
- Managed onboarding for 20+ client integrations from initial discovery through production deployment, coordinating authentication setup, data flow design, and go-live validation.
- Diagnosed and resolved 60+ integration issues across client environments, improving system reliability and measurably reducing client time-to-launch.

Software Engineering Consultant | *J&J MedTech Supply Chain Product Availability App* | Troy, NY **Jan 25 - May 25**

- Partnered with J&J MedTech's Global Supply Chain Customer Service team to define requirements and deliver a Microsoft PowerApp that streamlined product availability notifications across the organization.
- Designed dual-interface solution (admin and customer service views) with role-based access controls, directly improving workflow efficiency for non-technical end users.
- Architected data management layer using SharePoint Lists with strict access control, ensuring compliance with enterprise data governance standards.
- Coordinated stakeholder reviews across supply chain and customer service teams throughout the development lifecycle, ensuring the solution met operational needs at launch.

GamesThatWork | *Software Engineering Intern* | Atlanta, GA **Mar 2024 - Aug 2024**

- Collaborated across development, QA, and UX teams in an Agile environment to support 5 new feature deployments across 2 production releases.
- Designed and implemented a secure authentication system using Google Firebase and JavaScript, enabling user account management and protected feature access for production users.
- Resolved 51 GitHub issues via pull requests, directly improving platform stability and reducing defect backlog ahead of release milestones.

Education

Rensselaer Polytechnic Institute (RPI) **Troy, NY | May 2025**

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

Certification: Oracle Cloud Infrastructure 2023 Certified Foundations Associate

Selected Projects

SMB Financial Health Dashboard | *Personal Project* **Mar 26 - Present**

- Built and deployed a consulting-style dashboard for SMB SaaS financial health, using KPI scorecards, RAG benchmarks, and P&L waterfalls to help founders or consultants quickly identify red-flag metrics and next steps.
- Designed KPI computation engine calculating six metrics (gross margin, MoM revenue growth, OpEx ratio, revenue per employee, burn rate, and runway) benchmarked against industry standards with RAG status indicators.

AutoPitch | *Personal Project* **Mar 26 - Present**

- Built a pipeline that transforms Excel financials (P&L, Balance Sheet, Cash Flow) into polished 12-slide, Big 4-style pitch decks with AI-generated commentary, automating work often done manually for client presentations.
- Integrated Claude API for AI-generated narrative commentary, with a graceful fallback that preserves full deck structure without an API key.
- Implemented a five-stage stateless pipeline: workbook parsing, KPI computation, narrative generation, chart rendering with Matplotlib, and deck assembly with python-pptx.

Processes & Tools

Methodologies: Agile/Scrum, stakeholder management, Tech discovery, requirements gathering, API/AI solutions

Business & Productivity Tools: Microsoft PowerApps, Power Automate, SharePoint Lists, Figma, REST APIs

Cloud & Infrastructure: Microsoft Azure, AWS, Docker, Linux, Git/GitHub, pytest

Data & Databases: MongoDB, Mongoose, MariaDB, Pandas, NumPy, Plotly, R, Machine Learning

Languages & Frameworks: TypeScript, JavaScript (ES6+), Python, Node.js, Express, React, Streamlit, PHP,

C/C++, HTML/CSS, SQL, Matplotlib, python-pptx