

Brendan Hoss

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PROFESSIONAL SUMMARY

Solutions Engineer with 3+ years of experience designing, deploying, and expanding scalable no-code and automated platform solutions across aviation, healthcare, higher education, enterprise, government, and utilities. Combines deep technical proficiency in workflow automation (n8n), API integrations, and AI-driven tooling with strong client-facing skills — leading technical discovery, delivering executive-level demos, and conducting onsite engagements with enterprise clients including a Fortune 10 technology company. Background in data science (Python, TensorFlow, SQL) with hands-on experience building neural networks and ML pipelines. Proven track record of creating net-new product offerings that open new market verticals and accelerate platform adoption.

TECHNICAL SKILLS

Solution Design & Delivery: Technical discovery, requirements gathering, PoC development, solution architecture, client onboarding

Languages & Data: Python, SQL, TensorFlow, Pandas, NumPy, data visualization, dashboard development, custom reporting

AI & Machine Learning: Neural network training & deployment, image classification, unsupervised clustering, content moderation

Automation & Integration: n8n workflow orchestration, REST APIs, webhooks, conditional logic, automated notifications

Platforms & Tools: Veoci (expert), Epic EMR, Jira, Confluence, Git, CRM familiarity

IT Operations: Hardware provisioning, laptop imaging, security policy implementation, antivirus, digital backup systems

WORK EXPERIENCE

Solutions Engineer

2024 – Present

Veoci Inc.

- Design and deploy 15+ custom no-code solutions integrating n8n workflow automation for clients across aviation, healthcare, higher education, enterprise, government, and utility verticals — translating complex operational requirements into scalable platform configurations.
- Conducted onsite technical engagement with a Fortune 10 technology company, performing discovery sessions and solution demonstrations to expand the Veoci platform footprint within the organization.
- Created a custom Travel Registry product for higher education clients, identifying an unmet market need and building a turnkey solution that opened a new revenue stream and expanded Veoci's university-sector presence.
- Developed custom utility-sector solutions tailored to industry-specific operational workflows, establishing Veoci's footprint in a previously untapped market vertical.
- Architected end-to-end automated workflows using n8n — including webhooks, conditional logic, and API integrations — reducing average client manual data entry by an estimated 35%.
- Led 30+ client-facing demos and training sessions, adapting technical depth for audiences from frontline operators to C-suite executives and enterprise IT teams.
- Built reusable solution templates and demo environments leveraging AI-assisted tooling and automation patterns, shortening PoC cycles by ~2 weeks and accelerating pipeline progression.
- Collaborate cross-functionally with Product, Engineering, Sales, and Customer Success to relay client feedback and inform product roadmap priorities.

Office Manager & IT Coordinator

2022 – 2024

Veoci Inc.

- Served as primary IT support resource for a 50+ person organization, resolving hardware/software issues and reducing annual equipment costs by ~20% through laptop refurbishing initiatives.
- Designed and enforced company-wide security protocols including device policies, antivirus deployment, and comprehensive digital/physical backup systems.
- Built custom no-code forms, asset management workflows, and onboarding tools within Veoci, eliminating 3 previously manual processes.
- Managed 10+ vendor relationships, negotiating contracts to ensure cost-efficiency and reliable service delivery.

Test Site Coordinator — Site Lead

2021 – 2023

Yale University

- Operated Epic EMR to generate and manage COVID-19 testing orders for 100+ patients daily, maintaining accuracy and full compliance with institutional protocols.
- Led site staff, ensuring smooth daily operations, resolving issues in real time, and maintaining high patient throughput and satisfaction.
- Managed inventory and supply chain coordination; served as primary knowledge resource and trainer for new team members.

Data Science Intern

2021 – 2022

Story Squad

- Improved an image clustering algorithm using Python, TensorFlow, and unsupervised learning techniques to group user-submitted artwork into competitive tiers.
- Trained and deployed a self-hosted neural network for content moderation, preprocessing images to detect and filter profane user submissions.
- Contributed to model evaluation and iteration cycles, improving classification accuracy across successive training runs.

EDUCATION

Data Science Program

2019 – 2020

Lambda School

Coursework: Computer Science, Descriptive & Predictive Statistics, Machine Learning, Data Engineering

Software Engineering — 85 credits toward B.S.

2018

University of Connecticut

Computer Science, Associate's Degree

2017

Gateway Community College

Dean's List (2014–2017) · Phi Theta Kappa Honor Society