

Dylan McCavitt

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Software Developer | Full-Stack Engineer

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL

Systems & Backend: Node.js, Express, REST API design, PostgreSQL, MongoDB, SQLite, Supabase, Stripe

Engineering & Tools: Git/GitHub, Jira, Docker, Linux, Vitest, Sentry, Agile/Scrum, CI/CD (Vercel, Render)

Infrastructure: Firewall routing, VLANs, DNS filtering, VPN (Tailscale), container orchestration

EDUCATION

Stevens Institute of Technology

M.S. in Computer Science, GPA: 3.61/4.00

Coursework: Data Structures & Algorithms, Algorithms, Database Management Systems, Web Programming, Data Mining

Jan 2026

Hoboken, NJ

Syracuse University

B.S. in Economics

May 2019

Syracuse, NY

EXPERIENCE

Bella's Beads

Freelance Full-Stack Developer

Remote

Summer 2025

- Designed, programmed, tested, and documented a production e-commerce system end to end as the primary engineer, owning the full software development lifecycle.
- Architected a Node/Express service layer with Supabase Postgres, implementing relational schema design, session-based auth, and RESTful API contracts.
- Integrated Stripe payment processing and Shippo shipping-label automation, creating a 3-step checkout-to-fulfillment workflow verified with Vitest unit/integration tests.
- Deployed and maintained services on Vercel and Render with Sentry monitoring, improving release confidence and speeding up production debugging.

Manhattan Board of Elections

Technical Support Intern, MIS Department

New York, NY

Summer 2025

- Re-imaged and rebuilt Windows workstations, configured peripherals, and resolved endpoint/network support incidents.
- Handled user-account, permission, and printer support while documenting repeatable fixes for the MIS team.

Kroll, Inc.

Associate, Cyber Strategy & Risk Consulting

Remote

Jun 2023 – Aug 2024

- Assessed cybersecurity posture across third-party environments, analyzing control gaps in identity, infrastructure, and application layers.
- Produced structured technical reports and remediation roadmaps so stakeholders could prioritize fixes by risk and implementation effort.
- Collaborated across teams to sequence remediation based on risk exposure and implementation effort.

Paul, Weiss, Rifkind, Wharton & Garrison, LLP

Practice Assistant, Private Funds Group

New York, NY

Mar 2020 – Jun 2023

- Maintained internal data repositories and reporting trackers used across legal deal workflows.
- Assisted validation testing for workflow tooling, including document automation and database-interface upgrades.

SELECTED PROJECTS

Work Order Management System

Node.js, Express, MongoDB, Handlebars

Fall 2025

- Designed and built a web app that handled job requests, assignments, scheduling, and invoices across 4 connected workflow stages.

Homelab Infrastructure

Docker, Firewall Routing, VLANs, Pi-hole, Tailscale, NAS

2025 – Present

- Designed and operated a self-hosted systems environment with 5 VLANs to separate trusted, guest, IoT, server, and management traffic.
- Implemented DNS filtering, Tailscale VPN, and private NAS/Jellyfin services, keeping 2 untrusted networks isolated from management systems.

ML Model

Python, Scikit-learn

2025

- Binary classification predicting soccer match outcomes with ML.