
SUMMARY

Full-stack developer and technical consultant who closes the gap between the tools businesses use and the way they actually operate. I build custom API integrations, serverless automation, and AI-connected workflows — specializing in GoHighLevel and monday.com, with the same approach applied to any CRM or SaaS platform with an API. Background spans 5+ years of backend engineering, AWS cloud infrastructure, and end-to-end system design, from lightweight webhook integrations to full AI-driven architecture builds.

EXPERIENCE

- **Hay Web Services** (Self-Employed) Torrington, CT
Software Engineer August 2023 - Present
 - **AWS Access Control System:** Designed and built a physical access-control system for a 24/7 athletics facility using a Raspberry Pi, Python, and AWS (API Gateway, Lambda, DynamoDB, CloudFront, S3, Cognito, CloudWatch). Enabled secure automated door entry with event logging and a responsive admin interface. Implemented infrastructure-as-code with AWS SAM for scalable and maintainable deployments.
 - **Applicant/Recruiter Web Platform:** Took ownership of a multi-service web application for job posting, applicant management, and recruiter workflows. Maintained and enhanced backend microservices (Java Spring Boot) and frontend (Angular). Streamlined deployments using automated scripts, integrated AWS S3 for resume storage, and migrated the system from Windows to Linux, reducing costs and improving maintainability while ensuring scalability and reliability
 - **GoHighLevel & CRM Integration:** Built a serverless AWS integration connecting GoHighLevel to a membership-management CRM for a membership-based business, automatically capturing new leads via secure webhook and promoting matched members through the sales pipeline as their status changed. Added a scheduled backup job to catch missed webhook events and a CloudWatch dashboard for real-time ingest and monitoring.
- **PolySign, Inc.** San Francisco, CA
Software Engineer Jan 2022 - Nov 2022
 - **Python/Flask API & Backend Services:** Developed and maintained Python/Flask APIs using SQLAlchemy ORM. Debugged and stabilized Dockerized services, updated Kubernetes configurations, and extended CI/CD pipelines for automated testing and deployment. Authored and maintained Swagger API documentation.
 - **Observability & Monitoring:** Implemented Prometheus monitoring across backend services and created Grafana dashboards, closing visibility gaps and providing actionable insights for reporting and system performance.
- **Agricultural Modeling and Training Systems** Groton, NY
Technical Computer Consultant July 2020 - July 2021
 - **AWS Infrastructure & Full-Stack Applications:** Provisioned and managed EC2 and RDS instances. Built user-facing data intake platforms using React and PHP, implementing UI/UX enhancements, secure authentication, and role-based access control. Automated workflows with Python scripts and maintained RESTful APIs to efficiently connect frontend and backend systems.
- **Slooh** Washington, CT
Associate Software Engineer May 2017 - Aug 2019
 - **React/PHP Full-Stack Web Platforms:** Developed React frontends and PHP/MySQL backends, including CRUD operations and admin tools. Integrated WordPress REST APIs and Braintree payment processing. Built a Node.js real-time telemetry service deployed on AWS. Optimized performance, maintainability, and scalability of applications while collaborating with leadership and following Agile development practices.

TECHNICAL SKILLS

Languages: Python, PHP, JavaScript, TypeScript
CRM & Automation: GoHighLevel, Monday, APIs
Compute: Lambda, EC2
Storage: S3
DevOps: AWS SAM, CI/CD pipelines, GitHub

Frameworks: React, Node.js, Flask, SQLAlchemy
AI & LLM Integration: OpenAI, Claude, Prompts
Platform: API Gateway, CloudFront, Cognito
Databases: MySQL, PostgreSQL, RDS, DynamoDB
Observability: CloudWatch, Grafana, Prometheus