

Andrew Bernacki

AI Engineer · Agentic Systems · Enterprise AI Automation

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SUMMARY

AI Engineer who drives enterprise AI strategy, from multi-agent platforms and full-stack internal applications to AI governance and security. Helped move a previous employer to an AI-first development model after delivering a GPS asset-tracking proof of concept in 3 weeks against a nearly year-long traditional effort. Background spans agentic system design, enterprise RPA, AWS, and data integration, with a track record of owning systems end to end, from API and data design through deployment and stakeholder adoption.

TECHNICAL SKILLS

Python · JavaScript · TypeScript · Agentic AI and LLM systems (LangGraph, RAG, MCP, Claude, Moonshot AI) · AWS (Bedrock, Amazon Bedrock AgentCore, Lambda, S3, IAM) · UiPath (Studio, Orchestrator, API) · SQL · Full-stack development · Jira/Confluence · GitHub/Bitbucket · AI governance and security · Active Directory · Data visualization

EXPERIENCE

Direct ChassisLink Inc. (DCLI) · Charlotte, NC · 2023 to 2026

AI Engineer

Apr 2026 to Oct 2026 · Hybrid

- Delivered a GPS asset-tracking proof of concept in 3 weeks using AWS Kiro and spec-driven development, compared with a traditional initiative of nearly a year; helped drive DCLI's move to an AI-first development model.
- Selected for a dedicated AI transformation team reporting to the CIO, focused on enterprise adoption, operational efficiency, and cost optimization.
- Led enterprise evaluation and adoption of AI development platforms, including the AWS Kiro beta, validating full-stack delivery in days rather than months and developing the business case for broader investment.
- Architected a multi-agent AI platform for lead discovery, research, qualification, compliance screening, and outreach preparation, with human oversight, operational safeguards, and controlled AI spending.
- Developed a full-stack AI-enabled invoice processing application providing the human review and approval interface for automated workflows: database, APIs, user interface, and automated testing.
- Architected RAG systems for Finance and an internal application that converts recorded employee workflows into AI-generated standard operating procedures.
- Established enterprise AI governance and development standards: security controls, approval processes, PII protections, prompt-injection defenses, and secure authentication. Developed technical hiring assessments and onboarding programs.
- Led technical and nontechnical training on generative AI, Microsoft Copilot agents, Claude, and practical automation.

Robotic Process Automation Engineer

May 2024 to Apr 2026 · Hybrid

- Built and maintained enterprise-scale UiPath automations with Studio and Orchestrator APIs for mission-critical workflows across multiple departments.
- Automated high-volume rebate and transactional workflows with top domestic carriers, processing tens of thousands of rebill events averaging over \$400 each.
- Led development of an internal AI-driven invoice processing system that handles invoices from previously unsupported sources, reducing manual intervention.
- Designed automated job-schedule monitoring to validate robot execution against planned schedules and completion states, improving bot utilization.
- Developed Jira data extraction and reporting pipelines and AWS-backed Jira and GitHub integrations, producing Excel executive reports, Confluence-ready HTML, and automated leadership status reports.
- Contributed to the Bitbucket to GitHub migration.

Help Desk Intern

May 2023 to May 2024 · On-site

- Repaired and provisioned laptops and equipment, saving approximately \$60K; managed IT inventory and onboarding.
- Delivered help desk support with 100% satisfaction; maintained Active Directory and audited 200+ servers.