Cord Slatton

Senior Cloud/Platform Engineer and Solutions Architect (AWS) with 25+ years of experience designing, building, and automating secure, scalable cloud infrastructure and the software that runs on it. AWS Certified DevOps Engineer Professional with hands-on Kubernetes, Terraform, and GitLab CI/CD delivery experience. Documentation-driven: writes the requirements and design docs before the code. Hands-on with AI agents and LLM tooling, including tuning agent behavior, constraining inputs and outputs, and building AI-assisted integrations.

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EXPERIENCE

CS Development - Owner / Senior Software & Cloud Consultant (Self-Employed)

January 2000 - Present

- Design, build, and maintain a broad portfolio of client web applications and custom integrations with third-party services.
- Use AI to build integration connectors between disparate client systems, automating business processes.
- Manage hosting, WordPress administration, and technical operations for clients, including HIPAA/PHI-appropriate email and infrastructure for a healthcare-adjacent practice.
- Restored multiple severely hacked websites; contribute to Open Source, including an Open Source pet feeder on the Node.js stack with React.

ICA, Inc. - Senior Software & Platform Engineer

December 2025 - August 2026

- Built new GitLab CI/CD pipelines and modernized existing ones, including reusable pipeline templates and self-managed runners, so front-end, back-end, and data science teams could ship code faster and more safely.
- Stood up Kubernetes infrastructure using Terraform and Helm for cluster provisioning and application deployment, with Terraform changes deployed through GitLab CI/CD.
- Drove adoption of security best practices and FDA regulatory standards across the platform and product development lifecycle, and helped prepare the platform for its move from pre-production to production under FDA compliance requirements.

- Worked daily with AI agents, tuning their parameters and prompts and validating that they received the correct inputs and produced the correct outputs, keeping them in scope and efficient.
- Wrote design documents and technical documentation for platform and infrastructure changes, and used documentation to drive and constrain AI agent behavior.
- Helped build AI data-driven cloud software for clients, working alongside data scientists.

Kopius Tech/Veracio - Cloud Systems Architect/Senior Engineer

February 2024 - September 2024

- Authored architecture and design documentation while designing and implementing a secure, scalable, multi-account AWS environment with SSO integration and IAM best practices.
- Managed VPC and EC2 infrastructure (Linux and Windows servers) using CDK, CloudFormation, and scripting.
- Architected multiple ingestion systems feeding data lakes (Postgres and S3), improving data accessibility and downstream business insight.
- Reduced cloud costs by approximately 40% by identifying and shutting down latent resources, with further savings planned.
- Implemented AWS SES-based email templating to automate infrastructure and pipeline change notifications.
- Mentored developers through pair programming and code reviews.

Arcimoto - Cloud Systems Architect/Senior Software Engineer

May 2019 - September 2023

- Led the design and implementation of a scalable, cost-effective AWS platform for vehicle telemetry supporting a fleet of roughly 1,000 vehicles, built on microservices and event-driven components (Python, Node.js, Lambda, API Gateway, SQS/SNS, TimeStream, IAM), and wrote the design documents behind it.
- Built and maintained a CI/CD pipeline with automated testing and Infrastructure as Code (CloudFormation), speeding deployments and reducing manual effort.
- Owned the Vue.js serverless single-page application that served as the central hub for all vehicle data across databases and S3.
- Gathered requirements across departments, turned them into technical requirements and design documentation, and built custom tools that streamlined processes org-wide.
- Used AWS SES for templated, department-specific notification emails.

Inseego - Software Engineer 2

January 2019 - May 2019

- Resolved bugs and shipped hotfixes in a fast-paced, 2-week-sprint environment for multiple ; led accessibility updates across client portals to meet government compliance requirements.

Imagination International, Inc. - Software Development Team Lead

February 2018 - November 2018

- Led development of warehouse applications on a 2-week agile sprint cadence, managing a cross-functional team (QA, UI/UX, junior developer) and a pair-programming mentorship program.

PERSONAL PROJECTS (AI-DRIVEN DEVELOPMENT)

Keel - AI-guided change management for small businesses

- Built a full-stack web app (Nuxt/Vue 3, TypeScript, Postgres, Docker) that lets non-developers direct AI to change and connect their business software safely: a Claude-powered intake conversation turns a plain-language request into a spec with acceptance criteria, security and privacy checks, and a rollback plan.
- Designed a connector contract so the AI can act on external systems through APIs and MCP with scoped permissions (advice-only, read-only, or scoped-write), with WordPress as the first connector.
- AWS Cognito and Google sign-in; automated deploys and rollbacks; GitHub Actions CI running unit, integration, and Playwright end-to-end tests.
- Spec-driven and documentation-first, with versioned releases; private repository, currently in internal testing.

Cosmic Catastrophe - deckbuilding roguelite game (Unity/C#), currently in internal testing

- Built with a multi-agent AI development workflow: defined agent roles (project management, code review, testing, content design, builds) with written rules for routing, branching, and safety. 3,000+ commits, all through pull requests and CI.
- CI/CD on GitHub Actions: automated Unity test runs plus Android, iOS, and Windows builds.
- Python tooling: a manifest generator that parses Unity assets and CSV card data into JSON for agents and CI, a Google Play Developer API tool for managing release tracks, testers, and uploads, and an API-driven music generation pipeline. Private repository.

Local AI image generation

- LoRA fine-tuning and CUDA-based optimization for local image generation.

EARLIER EXPERIENCE

- Web Development Mentor, Thinkful - Oct 2017 to Sep 2018
- Courseware Author, Packt Publishing / O'Reilly Books - Jul 2017 to Sep 2018
- Senior Developer / Site & Server Administrator, CorSource (Herb Pharm) - Mar 2017 to Dec 2017
- Hackathon Judge & Mentor, Hack4ACause (Technology Association of Oregon) - 2016 to 2017
- Drupal & Node.js Developer, Freeflow Digital - Oct 2015 to Feb 2017
- Drupal Developer, 72Holdings - Mar 2015 to Oct 2015
- Lead Web Developer, Feynman Group - Mar 2013 to Jun 2015
- Web Developer / Lead Web Specialist, Palo Alto Software and Sunyata Studios - Aug 2008 to Sep 2012

CERTIFICATIONS AND TRAINING

- AWS Certified DevOps Engineer - Professional (2025)
- AWS Certified Solutions Architect - Associate (2025)
- AWS Agentic Foundations course
- Linux Foundation Kubernetes Fundamentals coursework (CKA exam prep, exam not yet taken)

SKILLS

AWS: Lambda, API Gateway, S3, DynamoDB, RDS, ECS, EC2, SQS, SNS, SES, Cognito, TimeStream, CloudWatch, IAM, VPC

IaC/Containers: Terraform, CloudFormation, CDK, Kubernetes (EKS), Docker, Helm

Languages/Frameworks: Python, JavaScript/TypeScript, Node.js, Vue.js (Vue 3/Nuxt), React, Angular.js, C#, PHP

Data: Postgres, MySQL, DynamoDB, MongoDB, data lakes, time series

Delivery/Tools: GitLab CI/CD (pipeline templates, runners), GitHub Actions, Git/GitLab/GitHub/BitBucket, Grafana, automated testing (unit, integration, Playwright), agile/sprint delivery, technical design documentation and requirements

AI: LLM and AI agent tuning and guardrails, multi-agent development workflows, Claude API, MCP, documentation-driven agent control, AI-assisted development and system integration

Other: Microservices/APIs, serverless SPAs, WordPress/Drupal, HIPAA/PHI-aware infrastructure