Myron Overton

myron.overton@gmail.com | 719-210-2833 | Monument, CO

Senior Software Engineer with 25+ years building scalable distributed systems and cloud-native backend services. Experienced in microservices architecture, RESTful API design, concurrency, and high-throughput data processing on AWS. Proven track record building production-grade backend services that handle large-scale data processing with high throughput and low latency. Experienced technical leader who drives system design, mentors engineers through code reviews, and collaborates cross-functionally to ship impactful products. Recently expanded focus into applied AI. Building LLM-powered tools and agent workflows. Passionate about solving complex problems in identity, fraud prevention, and real-time data systems.

CORE COMPETENCIES

Languages: Golang, Java, Python, C/C++, JavaScript/TypeScript
Backend: Microservices, RESTful APIs, Event-Driven Design, Concurrency, Distributed Systems
Artificial Intelligence / LLM: Claude, ChatGPT, OpenAI and Anthropic APIs, LangChain, RAG, Agentic Workflows, Prompting
Cloud & DevOps: AWS (EKS, EC2, RDS, Batch, ElastiCache), GCP, Kubernetes, Docker, Terraform, Helm, CI/CD
Data & Observability: PostgreSQL, MongoDB, MySQL, Redis, RabbitMQ, Prometheus, Grafana, ELK Stack
Build / Deploy Automation: BitBucket, Github Actions, FluxCD and Argo in Kubernetes

PROFESSIONAL EXPERIENCE

Founder – AI Lead | Overton Design LLC | Monument, CO 02/2026 – Present
- Founded independent practice focused on AI — hands-on exploration of LLM-powered tools, agentic workflows and RAG patterns
- Built AI-augmented job search and career intelligence pipeline using Claude APIs, LangChain, and Prompts
- Prototyped agent-based workflows that orchestrate multi-step tasks across LLMs and external tools
- Self-directed deep dive into the modern AI stack: foundation model APIs and evaluation of agentic frameworks

Stack: Python, TypeScript, Claude API, OpenAI API, LangChain, RAG, Vector Embeddings, GIT

Principal Engineer – Backend & DevOps Lead | Vyla.com | Centennial, CO 06/2020 – 02/2026
- Architected multi-environment EKS platform on AWS with GitOps-driven deployments via FluxCD
- Reduced infrastructure costs by using K3s on EC2 for development
- Built high-throughput AWS Batch pipelines for large-scale dataset processing
- Developed RESTful backend services paired with Django and Angular frontends
- Integrations across AWS and GCP cloud environments
- Mentored engineers through code reviews; established best practices for containerized deployments and infrastructure-as-code

Stack: AWS, GCP, Kubernetes, Terraform, Docker, Helm, Python, PostgreSQL, GitHub Actions, Prometheus, Grafana

DevOps Engineer IV | Charter Communications / Kforce | Centennial, CO 10/2019 – 06/2020
- Performing cloud cost management for AWS
- Migrated legacy clusters to Kubernetes
- Built CI/CD pipelines (Jenkins, GitLab, Atlantis) and internal tooling in Python/Ruby

Stack: Kubernetes, Terraform, Ansible, Docker, AWS (EC2, RDS, ElastiCache, ALB, Route53)

Principal Engineer – DevOps Lead | DN2K | Centennial, CO 08/2015 – 10/2019
- Transformed POC applications into production microservices with HA, auto-scaling, and disaster recovery on AWS
- Built centralized logging (ELK) and monitoring (InfluxDB) platforms
- Automated infrastructure with Terraform, Packer, and Chef

Stack: Terraform, Kubernetes, Docker, Jenkins, Chef, AWS, GCP, Java, RabbitMQ

Principal Engineer | Blackhawk Network | Colorado Springs, CO 12/2012 – 08/2015
- Developed ETL and batch processing systems for high-volume financial transaction processing of gift cards
- Used Java, Spring Batch, and AWS

Stack: Java, Spring, Spring Batch, MySQL, MongoDB, AWS, Python

EARLIER CAREER

Oracle, CA Technologies, Cassatt, HP Storage, Compaq/HP, MCI, IEX, E-Systems (1987–2012)
- Progressive senior engineering roles: embedded Linux device drivers with zero-copy I/O, multi-threaded SAN storage virtualization, high-performance network programming, enterprise platform development (Oracle Enterprise Manager), and cross-platform distributed services.
- Built high-performance Linux PCIe device drivers with zero-copy I/O, multi-threaded fiber channel path management for SAN storage, and cross-platform CORBA services.
- Deep experience with concurrency, multi-threading, and low-level systems programming in C/C++ and Java.

Stacks: Embedded C and C++, VxWorks, pSOS, Linux, low-level locks, and memory management inside kernel drivers

EDUCATION: B.S., Electrical Engineering Technology – Oklahoma State University