Mark DeLeap King

Engineering leader for platform, reliability, security and AI

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SUMMARY

I lead engineering organizations and I still build. At GE Digital I ran a global engineering organization. At Google I worked on engineering productivity for privacy, safety and security. At CloudVerg, the company I founded in 2014 and returned to in 2023, I design, build and run more than a dozen live products, using AI agents as my engineering team and holding them to the standards I held my human teams to.

Open to on-site, hybrid, remote and relocation.

EXPERIENCE

Founder and Principal Engineer, CloudVerg

2023 to present | San Francisco Bay Area, CA

Software company. I design, build and operate every product and the infrastructure underneath, working with AI agents as the engineering team.

- Built and run more than a dozen live production products, including OneLifeVibe (single sign-on across a network of independent sites, a developer platform and an MCP gateway listed in the official MCP registry), PersonalAgent (an AI agent with its own sandboxed browser that a person can watch and take over), ERPSav (multi-tenant cost recovery ERP), and the Verg console (mesh networking, security, AI and infrastructure-as-code products).
- Run an AI-native engineering process: a planning model writes briefs and reviews the output of cheaper worker models; every change is tested, shipped in small batches and verified in production.
- Operate the platform myself: Linux VMs joined by a WireGuard mesh, PostgreSQL, Redis and Kafka, Cloudflare (Workers, D1, WAF, Access), self-hosted mail, uptime monitors and a public status page, guarded deploys with health checks and one-command rollback.
- Put a single AI gateway in front of every product with a hard monthly ceiling per product; it cut AI spend by more than 70 percent without switching a feature off.
- Security engineering across the fleet: OpenID Connect and OAuth 2.0, passkeys, two-step sign-in, signed webhooks, tenant isolation suites that fail any query not scoped to the signed-in workspace, admin surfaces behind zero-trust access.
- Payments on Stripe and PayPal with money computed only by tested deterministic rules; AI drafts words, never numbers.
- Accessibility to WCAG 2.2 AA and real-user Core Web Vitals tracked on every site.

Senior Engineering Leader (L7), Engineering Productivity for Privacy, Safety and Security, Google

Dec 2022 to Jun 2023 | Mountain View, CA

- Led engineering productivity work for privacy, safety and security teams: tooling standards, build health and release discipline for code that handles sensitive user data.
- Worked across engineering, legal and policy partners on launch readiness for changes with regulatory exposure, including staged rollouts and rehearsed rollbacks.
- Pushed compliance evidence collection toward automation so audit preparation came from queryable reports rather than manual gathering.
- Role ended in Google's January 2023 company-wide layoff of about 12,000 people.

Senior Director, Engineering, GE Digital (now part of GE Vernova)
Jan 2019 to Dec 2022 | San Ramon, CA

- Led a global engineering organization delivering digital platforms for industrial customers, with delivery centers in North America, Europe and Asia.
- Directed the migration of legacy industrial applications to centrally operated cloud platform services, sequencing cutovers around plant operations and outage windows.
- Built the SRE and platform engineering functions: shared CI/CD, observability and incident management across product teams.
- Managed one of the division's larger operating budgets across hosting, cloud and platform operations, and retired overlapping services and tooling.
- Set delivery governance for regulated industrial customers: validation evidence, traceability and formal change control built into the pipeline.
- Developed engineering managers and principal engineers through planned rotation and succession.

Founder and Principal Consultant, CloudVerg
2014 to 2019

- Founded CloudVerg. Architecture, delivery leadership and program recovery for enterprise clients, until joining GE Digital in 2019.

Senior Vice President, Technology, Agennix AG
2003 to 2014

- Headed technology and enterprise systems for a publicly traded biopharmaceutical company: research, clinical and corporate platforms in a validated, audited environment.
- Built IT governance, architecture review and vendor management from an early stage.

Founder and Principal, Sceptre Pvt. Ltd., Mumbai
Earlier

- A software consultancy delivering custom enterprise systems. Ran it profitably for seven years.

EDUCATION

- Master's degree in Computer Management, Savitribai Phule Pune University
- Stanford Advanced Project Management certificate (Stanford University)
- IPMA project management certification (International Project Management Association)
- Six Sigma (Caterpillar)
- Author, *Perceptions & Realities* (2025)
- Patent application in preparation: Dynamic Agentic AI Resource Orchestration System for Multi-Tenant Architectures

SKILLS

Leadership and architecture: Engineering leadership, Platform engineering, Site reliability engineering, Security and privacy engineering, AI agents and LLM applications, Model Context Protocol (MCP), Cloud architecture, Multi-tenant SaaS, Identity (OIDC, OAuth 2.0, passkeys), Program and delivery management.

Technologies and practices: TypeScript, Node.js, Next.js, React, PostgreSQL, Redis, Kafka, Cloudflare Workers, Docker, Linux, WireGuard, OpenTofu/Terraform, Playwright, Stripe Billing, CI/CD, Observability, Incident management, FinOps, WCAG 2.2, SOC 2 and ISO 27001 readiness.