

CONTACT

Belo Horizonte, Brazil

lucmir@gmail.com

linkedin.com/in/lucmir

github.com/lucmir

EDUCATION

M.Sc. Computer Science

UFMG · 2011–2013

B.Sc. Computer Science

UFMG · 2007–2010

LANGUAGES

English: Professional

Portuguese: Native

Lucas Cunha

Senior Full Stack Engineer

15+ yrs · Full-Stack & Platform Engineering · AI · Web3 · Digital Identity

PROFESSIONAL SUMMARY

Full-Stack Engineer and DevOps Lead with **15+ years of experience** across diverse industries, owning every stage of development from design to deployment and operation of large-scale systems. Deep experience with AWS, Kubernetes, CI/CD, and observability. Building **AI-powered products and agent-based systems**, with MCP integrations that securely connect agents to enterprise tools.

TECHNICAL SKILLS

CORE STACK

TypeScript JavaScript Node.js Python Java Ruby React Next.js

Redux Express Django Rails REST APIs Microservices Serverless

MongoDB DynamoDB PostgreSQL MySQL Redis

DEVOPS

AWS GCP Vercel Kubernetes Docker Terraform CloudFormation

GitHub Actions GitOps CI/CD Prometheus Grafana New Relic

CloudWatch Distributed Tracing

AI

MCP Claude API Agent Skills LLM Integrations

WEB3

Solana EVM Chains Smart Contracts On-chain Identity

EXPERIENCE

DevOps & Infrastructure Lead · Civic Technologies

Apr 2025 – Present

- Lead cloud infrastructure, o11y, and scalability across Civic products on AWS.
- Operate EKS with GitOps deployments; build CI/CD pipelines and IaC.
- Own end-to-end observability, incident response, and cloud cost optimization.
- Contributed to analytics pipeline implementation (Kinesis, Lambda, Redshift).

Full Stack Engineer · Civic Technologies

Nov 2018 – Apr 2025

- Full-stack delivery across Civic's product suite: identity & auth (OAuth 2.0, OIDC), an AI agent security control plane (MCP, **95+ enterprise tools**), on-chain credentials (**1M+ passes issued**), and crypto wallet & payments APIs.
- Stack: Next.js, React, Node.js, Kubernetes, Serverless, Lambda, Solana, EVM.

Developer Consultant · ThoughtWorks

Jun 2016 – Nov 2018

- Design of a Digital API-management Platform (Kong, Rails, Node.js, GCP, Kubernetes) for secure, scalable cross-team API consumption.
- Development of a staffing system (React, Rails).
- Technical leadership: architectural decisions, mentoring, and delivery quality.

Software Engineer · Imaginie

Mar 2015 – Jun 2016

- Built a web and mobile Distance Education platform (Python/Django, AngularJS, Ionic); owned deployment, monitoring, and CI/CD (AWS, Docker, Ansible).

Software Engineer · Samba Tech

Jan 2010 – Feb 2015

- Development of an Online Video Platform (Java/Spring) and a Distance Education app (Django); owned infrastructure automation, deployment pipelines, and monitoring (AWS, Nagios, Graphite).
- Member of the Innovation team prototyping new products.