

Garfield Coke

Technical Deployment Lead

ENTERPRISE AI DELIVERY · SOLUTIONS ARCHITECTURE

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// PROFESSIONAL SUMMARY

Technical delivery leader and Principal Architect with 15+ years delivering enterprise search, cloud, and AI solutions across commerce, financial services, and public- and private-sector environments. Combines solution architecture, consulting, and founder experience with hands-on depth in the Claude API, RAG, semantic search, Kubernetes, GCP, AWS, and enterprise integration. Experienced guiding enterprise customers from discovery through production, aligning technical teams and senior stakeholders, and turning business objectives into repeatable delivery roadmaps.

// CORE EXPERTISE

ENTERPRISE AI DELIVERY

Claude API · AI & ML Engagements · Production Deployment · RAG · Semantic Search · Retrieval Evaluation

ENGAGEMENT LEADERSHIP

Technical Discovery · Solution Workshops · Executive Briefings · Stakeholder Alignment · Delivery Roadmaps

TECHNICAL DIRECTION

Solution Architecture · Enterprise Integration · Cloud-Native Systems · Kubernetes · GCP · AWS

INDUSTRY & EXECUTION

eCommerce · Financial Services · Public Sector · Professional Services · Mentoring

// PROFESSIONAL EXPERIENCE

PRINCIPAL ARCHITECT @ LUCIDWORKS

JAN 2020 — PRESENT

Principal Architect · Feb 2025 — Present
Senior Search Consultant II · Feb 2023 — Feb 2025
Senior Search Consultant · Jan 2020 — Feb 2023

- Led architecture for 20+ enterprise search engagements—including four AI and semantic-search programmes—across EMEA and North America, guiding customers from discovery and solution design through production deployment.
- Led technical workshops and executive briefings with customer engineering leaders and senior stakeholders, translating business objectives into phased technical roadmaps and deployment plans.
- Built a semantic-search retrieval evaluation framework, enabling teams to compare approaches consistently and make repeatable release decisions.
- Designed a semantic-boosting framework that achieved a 10% relevance lift in benchmark testing against an enterprise client's incumbent search platform.
- Designed scalable RAG and machine-learning search architectures and mentored engineers on repeatable AI implementation standards.

Selected technologies: Generative AI · LLMs · RAG · Semantic Search · Python · Solr · Kubernetes · GCP · AWS

SENIOR ENDECA CONSULTANT @ CIRRUSIO

MAR 2017 — JAN 2020

Senior Endeca Consultant · Jun 2018 — Jan 2020
Endeca Consultant · Mar 2017 — Jun 2018

- Led enterprise eCommerce search migrations and optimisation programmes, shaping complex data-ingestion and guided-navigation architectures.
- Advised UK enterprise clients on search implementation and platform improvement across Java-based commerce environments.

Selected technologies: Oracle Endeca · Solr · Java · Jenkins · DevOps

SENIOR PROGRAMMER ANALYST @ SAGICOR GROUP JAMAICA

JAN 2016 — FEB 2017

- Enhanced core insurance systems and client-data processing in a regulated financial-services environment.
- Mentored junior engineers in Java enterprise standards and microservices architecture.

Selected technologies: Java · Spring Framework · Oracle Database · Web Services

CO-FOUNDER & SOLUTIONS ARCHITECT @ DIZARI

2015 — 2023

- Co-founded and architected mobile applications and SaaS products for public- and private-sector organisations in Jamaica.
- Designed cloud-native systems spanning identity, data, mobile delivery, and automated deployment.

Selected technologies: Spring · Keycloak · PostgreSQL · Flutter · AWS · GCP · Kubernetes · CI/CD · Firebase

TECHNICAL CONSULTANT @ REALDECOY

JUN 2011 — JAN 2016

Technical Consultant · Jan 2013 — Jan 2016
Web Application Developer · Jun 2011 — Jan 2013

- Led implementation and upgrades of enterprise search platforms, providing technical leadership for professional-services engagements across international markets.
- Developed full-stack eCommerce features and internal tools with an emphasis on search integration and code quality.

Selected technologies: Endeca · ATG · Solr · Java · Spring MVC · Sitecore · JavaScript · SQL

// SELECTED PRODUCTS & VENTURES

FIND A LAUNDERETTE

Built and operate a programmatically generated UK directory producing approximately 12.3K monthly organic Google clicks and 1.7K Bing clicks. Use the Claude API for data-enrichment workflows and Claude Code as part of the development harness.

Claude API · Claude Code · Next.js · TypeScript · Netlify · Supabase · Programmatic Data Pipelines

CREATIIV KIDS

Built and shipped an AI-powered creative app for children on iOS and Android, using the Google Gemini API for server-side image generation with usage controls, subscriptions, product analytics, and production monitoring. Used Claude Code and Google Antigravity throughout the engineering workflow.

React Native · TypeScript · Google Gemini API · Supabase Edge Functions · Claude Code · Google Antigravity · RevenueCat

// EDUCATION

BSc, Computing and Information Technology

University of Technology · First Class Honours

// SELECTED CERTIFICATIONS

Oracle Certified Associate, Java 8 Programmer

Oracle · 2022

Oracle Endeca Commerce 3.1 Implementation Developer

Oracle · 2013

Oracle Commerce 11 Guided Search Implementation Essentials

Oracle · 2015