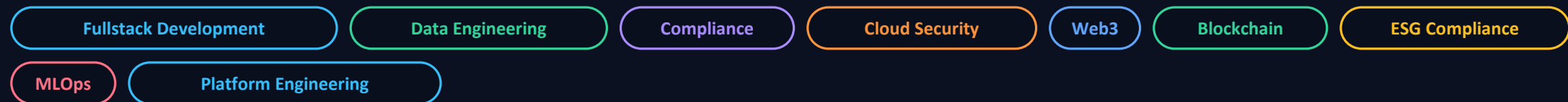


Agent Skills Portfolio

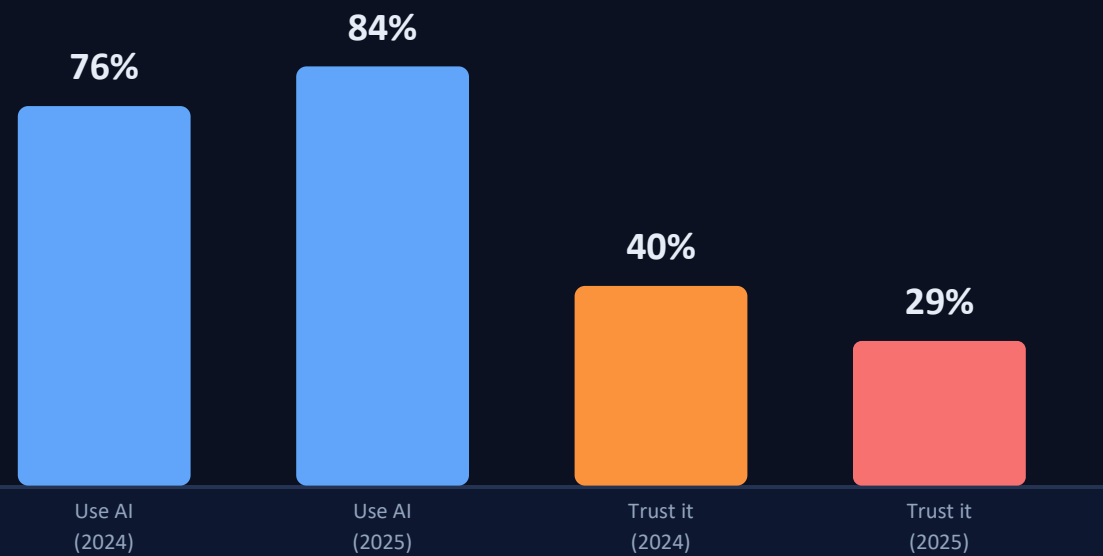
Nine domain-expert skill packs for AI coding agents

Production-grade, progressively-loaded skills that turn Claude, Cursor, Gemini, Kiro, VS Code, and JetBrains into senior specialists across engineering, data, security, compliance, and Web3.



~300 skills | 9 domains | VSCode + JetBrains plugins | MCP-ready | open source

AI adoption is soaring. Trust is not.



Source: Stack Overflow Developer Survey, 2024 and 2025.

84% of developers now use or plan to use AI coding tools, but only 29% trust the accuracy of the output, and more developers actively distrust it than trust it.

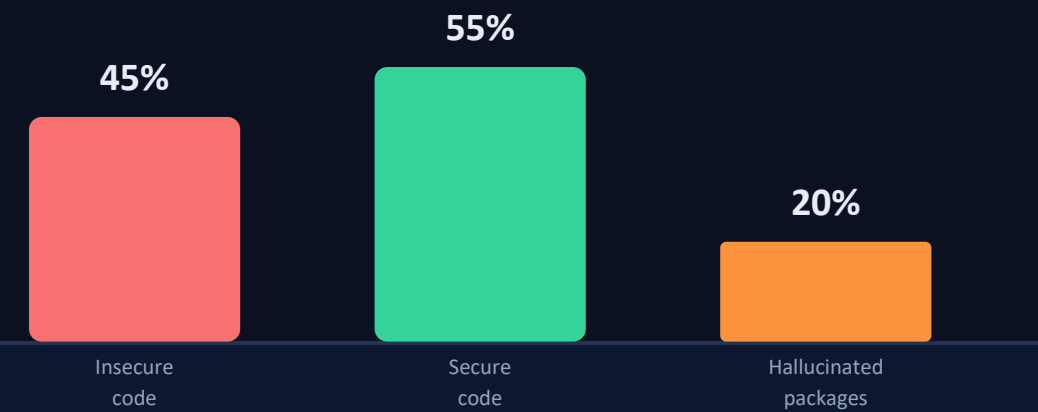
WHY THE GAP

- Generic output ignores your framework's real patterns.
- Every prompt reinvents architecture, so reviews drag.
- Developers babysit and rewrite instead of shipping.

SKILLS CLOSE IT

- Curated, senior-level patterns for your exact stack.
- One lifecycle so every task follows the same rails.
- Output your team would have written anyway.

The cost of ungoverned AI



Sources: Veracode 2025 GenAI Code Security Report; package-hallucination study, arXiv:2406.10279 / USENIX Security 2025.

45% of AI-generated code introduced an OWASP Top 10 security flaw. Nearly 20% of package suggestions were hallucinated, over 205,000 fake names, the raw material for slopsquatting supply-chain attacks.

THE ATTACK SURFACE

- Slopsquatting: agents install fake, attacker-owned packages.
- Prompt injection and MCP tool poisoning.
- Leaked secrets and PII, missing authorization.

HOW THE PACKS DEFEND

- Versioned skills: no hallucinated APIs or packages.
- Hooks, evals, and the MCP-Bastion runtime gateway.
- Secrets, least-privilege, and compliance-as-code in CI.

Progressive skills, one lifecycle, any editor



- Progressive loading keeps context small and cheap: only the skills a task needs are loaded.
- Lifecycle commands (/spec /plan /build /validate /review /ship) give every task the same rails.
- Guardrails: pre-op hooks, evals, and MCP servers enforce safety before risky actions run.
- Portable: ships as VS Code extensions and JetBrains plugins plus Claude/Cursor/Gemini/Kiro configs.



Fullstack Development · 128 skills

Ship full-stack products faster with an agent that knows your entire stack.

117 skills (72 core + 45 stack packs) | 15 presets | 20 starter packs

✓ VSCode + JetBrains

✓ 5 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

✓ Agents

Solves inconsistent architecture and insecure boilerplate across frameworks.

You get review-ready patterns for your exact stack, with testing and security built in.

git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git

↓ VS Code

↓ JetBrains

↓ Releases

- AI LLM Integration In Fullstack Apps
 - AI Observability
 - API Contract First Development
 - API Gateway And Edge Security
 - AWS Cognito Authentication Patterns
 - AWS Fullstack Development
 - AWS Serverless Fullstack
 - AWS Serverless Fullstack Architecture
 - Angular Enterprise Frontend
 - Angular Frontend
 - AspNetcore Minimal Apis
 - Authentication And Authorization Fullstack
 - Autoscaling Capacity And Cost Guardrails
 - Azure Fullstack Development
 - Azure Serverless Fullstack
- Azure Serverless Fullstack Architecture
 - BFF Architecture And API Aggregation
 - Backend Microservices Architecture
 - CDN Caching And Edge Acceleration Patterns
 - CI/CD GitOps And Progressive Deployment
 - CQRS And Event Sourcing Patterns
 - Chaos Engineering And Failure Injection
 - Cloud Cost Optimization
 - Cloud Fullstack Development
 - Compliance GDPR And Data Privacy Fullstack
 - Database Migrations Zero Downtime
 - Design System Governance And Tokens
 - Distributed Caching And Invalidation
 - Distributed Monolith Detection And Remediation
 - Django Enterprise Backend
- Domain Driven Design
 - Domain Driven Service Decomposition
 - Dotnet AspNet Core Microservices
 - E2e Testing Playwright Cypress
 - EF Core Persistence
 - Elasticsearch Search Patterns
 - Email And Notification Delivery
 - Fastapi Async Backend
 - Feature Flags And Progressive Delivery
 - File Storage And Media Delivery
 - Flutter Fullstack Mobile
 - Flyway Migrations
 - Frontend Load Balancing And Global Delivery
 - Frontend Security CSP And XSS Hardening
 - Fullstack Observability And Release Engineering

Fullstack Development · 128 skills (2)

`git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Fullstack Product Specification
 - Fullstack Testing And Quality Gates
 - Fullstack Typescript Monorepo
 - GCP Fullstack Development
 - GCP Serverless Fullstack
 - GCP Serverless Fullstack Architecture
- Go Gin REST Microservices
 - GraphQL Client And BFF Integration
 - Hateoas
 - Hexagonal Architecture
 - Hibernate ORM Persistence
 - Incident Triage And Oncall Runbooks
- Internationalization And Localization
 - Interservice Protocol Selection REST gRPC GraphQL
 - Jakarta EE Enterprise Platform
 - Java Agent Core
 - Java Spring Boot Microservices
 - Kafka Event Backbone Patterns

Fullstack Development · 128 skills (3)

`git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Kotlin Ktor Apis
 - Kotlin Spring Boot
 - Kubernetes Fullstack Platform
 - Kubernetes Fullstack Platform Engineering
 - Langchain Agent Orchestration
 - Laravel API Platform
- Layered Architecture
 - Load Balancer Strategy And Traffic Distribution
 - MCP Server
 - Micronaut Compile Time Di
 - Micronaut Reactive Microservices
 - Microservice Patterns Outbox And CDC
- Microservice Patterns Saga And Compensation
 - Microservice Patterns Service Mesh And Traffic Management
 - Mobile API And Offline Sync Patterns
 - MongoDB Document Modeling
 - Monolith To Microservices Migration Strategy
 - Multi Cloud Disaster Recovery

Fullstack Development · 128 skills (4)

`git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Multi Module Maven
 - Multi Tenant Data Isolation Patterns
 - Nestjs Enterprise Backend
 - Nextjs App Router And Streaming Ui
 - Nginx Edge Routing And Security
 - Nodejs Microservices
- Nodejs Nestjs Backend Microservices
 - OAuth2 OIDC And Token Lifecycle
 - OAuth2 Resource Server
 - Observability Distributed Tracing And eBPF Strategy
 - Okta Identity Integration Patterns
 - Openapi First
- Payments And Webhook Reliability
 - Performance And Load Testing Fullstack
 - Postgres And Relational Data Modeling
 - Problem Details RFC9457
 - Quarkus Cloud Native Apis
 - Quarkus Kubernetes Native

Fullstack Development · 128 skills (5)

`git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- REST API Conventions
 - Rails API Backend
 - React Native Fullstack Integration
 - React Nextjs Frontend
 - React Nextjs Frontend Architecture
 - Realtime Ui Websockets And SSE
- Redis Caching And Session Store Patterns
 - Resilience Timeouts Retries And Circuit Breakers
 - Rust Axum Microservices
 - Search And Discovery Experience
 - Secrets Vault And Key Rotation
 - Serverless Event Driven And Workflow Orchestration
- Spring AI Integration
 - Spring Boot Enterprise Foundation
 - Spring Cloud Gateway Routing
 - Spring Data JPA
 - Spring Data Redis
 - Spring Security JWT

Fullstack Development · 128 skills (6)

`git clone https://github.com/vaquarkhan/Fullstack-development-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Spring Webflux Reactive
- Terraform Fullstack Infrastructure As Code
- Testing Pyramid
- Transactional Patterns
- Ui Engineering And Design Systems
- Vaadin Java Fullstack Ui
- Vercel AI Sdk Streaming
- Vercel Edge And Jamstack Delivery
- Vercel Nextjs Jamstack
- Vue Nuxt Frontend
- Web Accessibility WCAG Compliance



Data Engineering · 72 skills

Design, build, govern, and recover data platforms end to end.

73 skills + alias | 14 platform presets | 14 example packs

✓ VSCode + JetBrains

✓ 5 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

✓ Agents

Solves fragile pipelines, silent data loss, and failed data audits.

You get reconciliation, lineage, DR, and governance baked into every pipeline.

git clone https://github.com/vaquarkhan/data-engineering-agent-skills.git

↓ VS Code

↓ JetBrains

↓ Releases

- API And Saas Ingestion Patterns
- Airflow And Workflow Orchestration
- Apache Beam Unified Batch And Stream
- Apache Hudi Lakehouse
- Avro Protobuf Json Schema Registry
- Bigquery And Dataform Platform Engineering
- CDC And Incremental Loading
- Clickhouse Real Time Analytics
- Data Catalog And Discovery
- Data Contract Testing With Schema Registry
- Data Lake And Zone Architecture
- Data Mesh And Domain Oriented Design
- Data Migration And Platform Cutover
- Data Observability And Sla Management
- Data Platform CI CD And Release Management

- Data Platform Disaster Recovery And Business Continuity
- Data Platform Operating Model And Service Ownership
- Data Quality And Contract Testing
- Data Quality Platforms And Rule Management
- Data Reconciliation And Financial Controls
- Data Resiliency Testing And Failure Injection
- Data Security Compliance And Regulated Data
- Data Sharing And Publishing Contracts
- Data Specification
- Dataplex And Bigquery Governance
- Dbt And Analytics Engineering
- Debezium And Kafka Connect CDC
- Delta Lake And Medallion Architecture
- Duckdb Local Analytics And Dev
- ETL ELT And Modernization Strategy

- Enterprise ETL And Data Integration Modernization
- Esg And Sustainability Regulatory Reporting
- Feature Store And ML Data Pipelines
- File And Partner Feed Ingestion
- Glue Data Catalog And Lake Formation Governance
- Great Expectations Deequ And Cuallee
- Incident Triage And Pipeline Recovery
- Java Data Engineering And Integration Services
- Kafka Resilience And Schema Evolution
- Lakefs And Data Versioning
- Lakehouse Table Format Engineering
- Lineage PII And Governance
- Lower Environment Data Masking And Obfuscation
- MCP Data Observability Integration
- Mainframe Modernization And Data Offload

Data Engineering · 72 skills (2)

`git clone https://github.com/vaquarkhan/data-engineering-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Master Data And Entity Resolution
 - Microsoft Purview And Azure Data Governance
 - Notebook To Production Hardening
 - Openmetadata Datahub And Openlineage
 - Operational Datastore Selection Relational And Nosql
 - Orchestration And Backfills
- Pipeline Planning And Task Breakdown
 - Privacy Retention And Right To Delete
 - Python Data Engineering And Pipeline Packaging
 - Regional Data Compliance And Sovereignty
 - Reverse ETL And Operational Data Serving
 - Safe Backfill And Replay Orchestration
- Scala Data Engineering On Jvm Runtimes
 - Schema Evolution And Contract Migrations
 - Semantic Layer And Metric Governance
 - Snowflake Native Pipelines And Governance
 - Source Reliability And Extraction Resilience
 - Spark And Distributed Processing

Data Engineering · 72 skills (3)

`git clone https://github.com/vaquarkhan/data-engineering-agent-skills.git`

[↓ VS Code](#)[↓ JetBrains](#)[↓ Releases](#)

- Spark Serverless Reliability And State Management
- Streaming And Messaging Systems
- Superset And Metrics Serving
- Terraform And Data Platform Infrastructure
- Test Data Preparation And Synthetic Data
- Trino Presto Federated Query
- Unity Catalog And Lakehouse Governance
- Warehouse And Schema Design
- Warehouse Performance And Cost Optimization

Compliance · 29 skills

A compliance analyst across 15+ regulatory frameworks.

30 skills | framework presets | Presidio redaction

✓ VSCode + JetBrains

✓ 2 AI editors

✓ MCP

Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

✓ Agents

Solves slow, error-prone audit prep across many overlapping frameworks.

You get control mapping, evidence generation, and policy-as-code gates in CI.

```
git clone https://github.com/vaquarkhan/compliance-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- Access Control Identity Audit
 - Audit Logging Integrity
 - Breach Incident Response
 - CCPA CPRA Privacy Rights
 - CMMC NIST 800 171
 - COPPA Children Privacy
 - Compliance As Code Governance
 - FERPA Education Records
 - FedRAMP Moderate Baseline
 - GDPR US Multinational
 - GLBA Ffiec Financial Privacy
 - HIPAA Baa Vendor Assessment
 - HIPAA Phi Redaction Pipeline
 - HIPAA Privacy Minimum Necessary
- HIPAA Technical Safeguards
 - Hitech Breach Notification
 - ISO27001 Annex A Controls
 - MCP Compliance Integration
 - NIST AI RMF Governance
 - NIST CSF 2 Assessment
 - PCI DSS Encryption Key Management
 - PCI DSS Network Segmentation
 - PCI DSS Script Audit
 - SOC2 Ccm Continuous Monitoring
 - SOC2 Evidence Collection
 - SOC2 Trust Services Criteria
 - SOX Itgc Audit
 - US State Privacy Laws
- Vendor Third Party Risk

SECURE EVERY CLOUD

WORKS WITH



Cloud Security · 13 skills

End-to-end cloud security for seven clouds, with zero-trust and runtime guardrails.

14 skills | per-cloud end-to-end | MCP-Bastion + test harness wired in

✓ VSCode + JetBrains

✓ 4 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

Agents

Solves fragmented, drifting security baselines across multiple clouds.

You get one zero-trust baseline plus runtime tooling that proves controls hold.

```
git clone https://github.com/vaquarkhan/cloud-security-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- AWS Security Best Practices
- Alibaba Cloud Security Best Practices
- Azure Security Best Practices
- Cloud Well Architected Frameworks
- GCP Security Best Practices
- IBM Cloud Security Best Practices
- MCP Bastion Security Gateway
- MCP Security Testing Harness
- Multi Cloud Security Posture
- OCI Oracle Cloud Security
- PR Integrity AIV Gate
- Vmware Tanzu Pcf Security
- Zero Trust Identity And Secrets



Web3 · 15 skills

Command-first wallets, DeFi, and NFTs with security and compliance built in.

15 skills | 6 chain presets | curated starter packs

✓ VSCode + JetBrains

✓ 4 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

✓ Guardrails

✓ Agents

Solves irreversible on-chain mistakes and unscreened transactions.

You get simulate, audit, and sanctions-screening before anything signs.

```
git clone https://github.com/vaquarkhan/web3-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- Compliance AML
- Cross Chain Bridge
- DAO Governance
- DeFi Operations
- Gas Optimization
- Identity DID
- MEV Protection
- NFT Management
- Oracle Data Feeds
- RWA Tokenization
- Security Audit
- Smart Contract Interaction
- Social Reputation
- Token Analytics
- Wallet Management



Blockchain · 12 skills

Chain-agnostic infrastructure spanning every major virtual machine.

13 skills | phased rollout | multi-VM (EVM, Solana, Cosmos, Move, NEAR, UTXO)

✓ VSCode + JetBrains

✓ 5 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

✓ Guardrails

✓ Agents

Solves learning a different SDK and toolchain for every chain.

You get one lifecycle across EVM, Solana, Cosmos, Move, NEAR, and UTXO.

git clone https://github.com/vaquarkhan/blockchain-agent-skills.git

↓ Releases

- Block State Queries
- Chain Abstraction
- Consensus Validator Ops
- Data Availability
- Event Indexing
- Network Monitoring
- Privacy ZK
- Rollup Operations
- Smart Contract Factory
- Storage State Proofs
- Token Standards Engine
- Transaction Lifecycle

ESG Compliance · 10 skills

Automate the new wave of mandatory sustainability disclosure.

11 skills | CSRD/ESRS + SFDR presets | knowledge base

✓ VSCode + JetBrains

✓ 2 AI editors

✓ MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

✓ Agents

Solves manual, deadline-driven sustainability disclosure.

You get audit-ready CSRD and SFDR reporting from your emissions data.

```
git clone https://github.com/vaquarkhan/esg-compliance-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- Audit Trail Reporting
- Biodiversity TNFD Analytics
- Cross Border Data Transfer
- Data Ingestion Validation
- Double Materiality Assessment
- EU Taxonomy Alignment
- GHG Emissions Calculation
- Regulatory Change Monitor
- SFDR PAI Computation
- Supply Chain Due Diligence



MLOps · 8 skills

Production ML from feature store to serving, with governance and verifiable AI.

9 skills | 4 platform presets (K8s-GPU, Databricks, SageMaker, Vertex)

✓ VSCode + JetBrains

✓ 4 AI editors

MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

Agents

Solves models that break silently in production.

You get continuous training, drift detection, and governed serving with fairness checks.

```
git clone https://github.com/vaquarkhan/ml-ops-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- Data Validation And Contract Testing
- Distributed GPU Training And Scheduling
- Feast Feature Store Engineering
- LLM Serving And Inference Optimization
- MLflow Model Registry And Continuous Training
- Model Monitoring And Drift Detection
- Responsible AI And Model Governance
- Verifiable AI And zkML



Platform Engineering · 4 skills

Internal developer platforms, AI safety, and FinOps for the platform team.

5 focused skills | 5 platform presets

✓ VSCode + JetBrains

✓ 4 AI editors

MCP

✓ Evals

✓ Hooks

✓ Presets

✓ Starters

✓ Registry

Guardrails

Agents

Solves every team reinventing platform and AI-safety wiring.

You get golden paths, GitOps, and AI red-teaming enforced in CI.

```
git clone https://github.com/vaquarkhan/platform-engineering-agent-skills.git
```

plugin source in repo, build locally · not on PyPI

- AI Safety Red Teaming And Compliance
- DataOps And RAG Architectures
- IDP GitOps And Golden Paths
- Observability And FinOps

GET STARTED

All nine packs, one place

Clone any repo. Two packs are published to the VS Code and JetBrains marketplaces; the rest build from source. Not on PyPI.

• Fullstack Development

github.com/vaquarkhan/Fullstack-development-agent-skills

↓ VS Code

↓ JetBrains

• Cloud Security

github.com/vaquarkhan/cloud-security-agent-skills

git clone · plugin source in repo

• ESG Compliance

github.com/vaquarkhan/esg-compliance-agent-skills

git clone · plugin source in repo

• Data Engineering

github.com/vaquarkhan/data-engineering-agent-skills

↓ VS Code

↓ JetBrains

• Web3

github.com/vaquarkhan/web3-agent-skills

git clone · plugin source in repo

• MLOps

github.com/vaquarkhan/ml-ops-agent-skills

git clone · plugin source in repo

• Compliance

github.com/vaquarkhan/compliance-agent-skills

git clone · plugin source in repo

• Blockchain

github.com/vaquarkhan/blockchain-agent-skills

git clone · plugin source in repo

• Platform Engineering

github.com/vaquarkhan/platform-engineering-agent-skills

git clone · plugin source in repo

Stop babysitting your AI. Give it senior expertise and guardrails that hold.

Star the repos | Install the VS Code or JetBrains plugin | Compose your own domain expert