

SERVICE 04 OF 06 · SKA GLOBAL PARTNERS

# AI-Native Engineering Advisory

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Beyond AI-assisted. Building engineering practices  
where AI is structural, not decorative.

Service 04 · Principal-led

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# The Challenge

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There is a meaningful difference between an engineering team that uses AI tools and one that has rebuilt its practices around AI as a core capability. The first has faster individual developers. The second has a structural advantage in delivery velocity, code quality, and onboarding speed — and a governance model that prevents AI adoption from becoming a liability.

## Signs you need this

Developers are using AI tools but productivity gains are inconsistent and hard to measure

No governance around AI-generated code in production — no review standards, no audit trail

Architecture was not designed to support AI-assisted development at scale

Competitors are claiming AI-native status and you need to understand what it means operationally

You want to adopt AI agents in engineering workflows but don't know where to start safely

Engineering leaders are uncertain how to govern AI use without stifling adoption

# Our Approach

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## AI-Readiness Assessment — Weeks 1–3

Evaluate current tooling adoption, code quality patterns, review processes, test coverage, and architecture readiness.

- Tooling audit (which AI tools are in use, how, and by whom)
  - Code quality and review process assessment
  - Test coverage and automation maturity
  - Architecture readiness for AI-native practices
  - Governance gap identification
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## Governance & Standards Design — Weeks 4–6

Define the standards for AI-generated code: review requirements, testing expectations, prompt engineering practices, and observability.

- AI code review standards and acceptance criteria
  - Prompt engineering guidelines and version control approach
  - Observability framework for AI-generated code
  - Governance policy for AI tool usage by engineers
  - Metrics framework to measure AI impact on delivery
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## Practice Transformation — Month 2–6

Embed new practices across teams — tooling configuration, workflow redesign, training, and measurement.

- Tooling configuration and integration into CI/CD pipelines
  - Engineering workflow redesign
  - Team training and capability building
  - Measurement and reporting against AI productivity metrics
  - Governance review at month 6
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# What You Get

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Every engagement produces documented, actionable outputs — not presentations that sit in a drawer. Below are the standard deliverables for this service. Exact scope is agreed during the Diagnostic Assessment.

0 AI-readiness assessment report  
1

0 AI engineering governance framework  
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0 Prompt engineering guidelines and version control standards  
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0 Observability and audit framework for AI-generated code  
4

0 Team training programme  
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0 Productivity measurement framework  
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# Delivered, Not Just Advised

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Senthil led the adoption of AI-native engineering practices across Arab Bank's technology organisation — not as a policy directive, but as a hands-on programme that changed how teams actually work. That included tooling evaluation, workflow redesign, governance framework development, and the cultural change needed to make it sustainable at scale. He has also published on this topic — see the article 'AI-Native Software Engineering: The Next Evolution of Enterprise Development' at [skaglobalpartners.com](https://skaglobalpartners.com).

## Specific outcomes:

- AI-native engineering practices adopted across Arab Bank's technology organisation
- Governance framework developed for AI-generated code in production
- Tooling evaluation and selection across engineering, QA, and architecture teams
- Productivity measurement framework established and reported to board
- Published framework: AI-Native Software Engineering (AINSE)

"Senthil not only provided expertise in designing, developing, and leading the solution — he acted as the sole primary subject matter expert throughout the engagement. I highly recommend Senthil when a level of creativity and ambiguity exists." — Rob Suba, CTO · former client, Cardinal Health "The digital impact has been huge. Many banks around us envy us for what we built." — Senior Executive · Arab Bank Full client references available at [linkedin.com/in/senthilparameswaran](https://linkedin.com/in/senthilparameswaran)

# Engagement Models

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Engagements are sized to fit the problem, not a standard contract. Every engagement begins with a Diagnostic Assessment to confirm the right model before any commitment is made.

## AI-Readiness Assessment

Three-week diagnostic — where you are, what needs to change, and a prioritised roadmap for getting there.

## Governance Design

A focused engagement to design and document AI engineering governance standards — tooling policy, code review requirements, observability framework.

## Embedded Advisory

Monthly retainer with hands-on involvement in engineering practices — for CTOs navigating the transition who want a principal-level sounding board.

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## About Senthil Parameswaran

Senthil is the Principal Consultant at SKA Global Partners and former Chief Digital Officer at Arab Bank (2017–2026). He has 25 years of delivery experience across Singapore, the United States, New Zealand, the Netherlands, the UK, and Jordan.

Every engagement is led personally by Senthil. There are no junior analysts, no sub-contracted teams, and no pre-packaged frameworks applied before understanding your situation.

To start a conversation, send an email with a brief description of your organisation and what you are trying to accomplish. [skaglobalpartners.com](https://skaglobalpartners.com) · [linkedin.com/in/senthilparameswaran](https://linkedin.com/in/senthilparameswaran)