2-DAY VIBE-CODING WORKSHOP PROPOSAL

Bumimax Industrial Bhd

Prepared 18 Nov 2026

RECOMMENDED COHORT

16 attendees

The audit implies roughly 16 paid AI-coding seats and the board approved RM65K; at RM3,500 + 8% SST, 16 attendees is RM60,480, leaving headroom, while 18 attendees would be RM68,040 and exceed the band. The pre-work survey shows 14 of 18 engineers have used Copilot but lack structured PR-review workflows, so a 16-person cohort covers the critical mass without creating a two-person orphan group. This is framed as cohort 1 of 2 for the wider 180-person organisation, with cohort 2 scoped to adjacent ERP/integration staff. Audit findings on Adoption (32), Tooling (30) and single-threaded sponsorship through Anitha Pillai make a focused engineering cohort with a named engineering co-owner more defensible than a broader, thinner rollout.

DAY 1 — LOCKED-DOWN TOOLING BASELINE, COPILOT PROMPT FLUENCY, SHARED RULES AND SECRETS HANDLING

- **Pre-flight tooling and licence audit clinic for Copilot, GitHub, Jenkins and Oracle access** — Tooling scores 30 and the audit flags locked-down manufacturing Windows images as the highest Day 1 execution risk, so this clinic clears install and network rights before hands-on labs begin.
- **Copilot prompt fluency for Java/Spring and Oracle SQL migration tasks** — Adoption is 32 and the pre-work survey shows 14 of 18 engineers have used Copilot but never structured workflows, so this module turns ad-hoc use into repeatable prompt patterns for ERP work.
- **Shared .cursorrules/CLAUDE.md and MCP configuration baseline** — The audit's P0 action requires one version-controlled rules file, and Tooling 30 with no MCP inventory means Day 1 must establish a common baseline rather than assume one exists.
- **Secrets handling and safe context sharing in AI-assisted Java/Spring development** — The listed-company audit exposure and missing secrets policy under Practices 24 require engineers to know which Oracle/Jenkins credentials and ERP data must never enter prompts.

DAY 2 — AI-ASSISTED PR REVIEW, AGENT GUARDRAILS AND DEFINITION-OF-DONE FOR ERP DELIVERY

- **AI-assisted PR review from first principles on GitHub** — Practices scores 24 and the 4–7 day PR-review backlog shows Bumimax must build the review habit from scratch; this lab uses Java/Spring PRs to target senior-engineer review time.
- **AI-generated code review checklist for Java/Spring and Oracle migrations** — Outcomes 48 and untracked defect attribution mean a standard checklist is the minimum bar so AI regressions are caught before they surface in a listed-company audit.
- **Agentic development workflows with permission scopes in GitHub and Jenkins** — The audit flags autonomous agents without guardrails, so this module defines blast-radius limits before agents are allowed near ERP integration repositories.

Definition-of-done updates for AI-assisted code — Velocity 45 and no cycle-time or escaped-defect baseline require the DoD to include AI provenance, test evidence and review sign-off so the 30-day review has measurable criteria.

- **Engineering-manager briefing on reviewing AI-generated PRs to a consistent standard** — Culture 55 is held at risk because sponsorship is single-threaded through Anitha Pillai; converting Tan Wei Loon and engineering managers requires a shared review standard beyond one executive.

PROPOSED DATES

- Wed–Thu Dec 16–17, 2026 (preferred, aligns with next-month pre-ERP window)
- Wed–Thu Jan 6–7, 2027
- Tue–Wed Jan 12–13, 2027

VENUE

On-site at client office

Bumimax is a listed manufacturer with audit and disclosure exposure and likely locked-down Windows images; on-site delivery lets us run the pre-flight licence and network audit and hands-on Copilot/GitHub labs without remote setup failures. It also puts neutral CTO Tan Wei Loon and engineering managers in the room with Anitha Pillai's sponsored cohort.

INVESTMENT

16 pax × RM 4K/pax	RM 56,000
+ 8% SST	RM 4,480
Total incl. 8% SST	**RM 60,480**

SUGGESTED FOLLOW-UPS

- 30-day follow-up clinic with adoption dashboard covering shared rules-file usage, PRs/dev/week and escaped defects for the 16 trained engineers.
- 90-day AI-coding readiness re-audit using the same six dimensions to prove before/after impact and support the cohort 2 business case.
- Engineering-manager 1:1 calibration and CTO readout on AI PR-review standards, converting Tan Wei Loon from neutral to active sponsor.
- Dated multi-cohort rollout plan for the remaining 180-person engineering and IT population, with cohort 2 scoped to adjacent ERP integration staff.

NEXT STEPS

- Confirm Dec 16–17, 2026 as the preferred dates and nominate an engineering lead or platform owner as workshop co-owner alongside Anitha Pillai.
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Run the 60-minute pre-workshop tooling and licence audit across all 16 attendees to verify Copilot, GitHub, Jenkins and Oracle access on locked-down Windows images.

- Capture week-one baseline metrics: cycle time, PRs/dev/week, time-to-merge and escaped defects, so Day 2 DoD and the 30-day review are evidence-based.
- Share Java/Spring ERP repository samples and the current PR-review template with the facilitator before Day 1, so labs use Bumimax code patterns rather than generic examples.