

DevPilot – AI Development Environment For Devs



Data & AI Solutions Partner

DevPilot: Productivity Gains (CLI-first, Policy-as-Code)

- Deterministic, org-wide AI behavior via a single prompt stack (system/active.md)
- Policy-as-code with Profiles & Phases; CI gating by maturity (MVP→Beta→Scale)
- SOP-grade commands: /tickets-from-code, /architect-spike, /security-review, /long-context-map-reduce
- CLI-first AI PR reviewer in CI (zero secrets, exits neutral if CLIs absent)
- Fast onboarding & repo seeding across teams; consistent guardrails
- Evidence & audit trail retained under artifacts/ (JSON/CSV)

Pain today	DevPilot capability	Typical impact
Inconsistent AI prompts per dev	Single prompt stack (system/active.md)	↓ variance; reproducible outputs
Slow repo bootstrap (lint/CI/hooks)	Repo wizard + profiles/phases	60–90 min → 10–15 min
Backlog grooming slow/subjective	/tickets-from-code (strict JSON→CSV)	2–3 hrs → 10–15 min
Long PRs stall reviews	AI PR reviewer (CLI-first, neutral)	First pass in ~1–2 min
Security posture unclear	Phase gates (gitleaks/semgrep/trivy)	Faster triage; fewer regressions at Beta+

Adoption Plan (Week 1 → Week 4)

Week	Objectives	Key Actions
Week 1: Baseline & Setup	Standardize defaults; seed first repos; enable non-blocking AI review; publish CI matrix	<ul style="list-style-type: none">• Install/auth CLIs (Claude/Codex/Gemini/Grok)• Run <code>repo_wizard</code>; <code>apply_profile --skill ll --phase mvp</code>• Add <code>ai-review.yml</code> (neutral if no CLI)• Add Phase→CI matrix & CLI-first notes to README
Week 2: Rollout & Training	Expand to more repos; teach SOP commands; baseline KPIs	<ul style="list-style-type: none">• Seed 3–5 additional repos; add personas (architect/devops/security)• Introduce commands: <code>/tickets-from-code</code>, <code>/tickets-from-diff</code>, <code>/architect-spike</code>• Add <code>`just review-local`</code>; capture baseline KPIs
Week 3: Tighten & Measure	Move one repo to Beta; activate gates; start weekly security review	<ul style="list-style-type: none">• Gate HIGH/CRIT (<code>semgrep/trivy</code>); secrets block-any• Add <code>/observability-pass</code> to priority services• Schedule security-review; track PR review time
Week 4: Normalize & Scale	Broaden Beta; quantify ROI; plan Scale targets	<ul style="list-style-type: none">• Expand Beta to 2–3 repos; burn down security backlog• Publish time-saved metrics & coverage trend• Define next-quarter move to Scale (MEDIUM+ SAST, ≥80% coverage)

KPIs: Lead time to change ↓, Mean PR review time ↓, Backlog grooming time ↓, Test coverage ↑, Security findings trend ↓

Contact Details



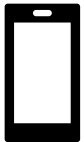
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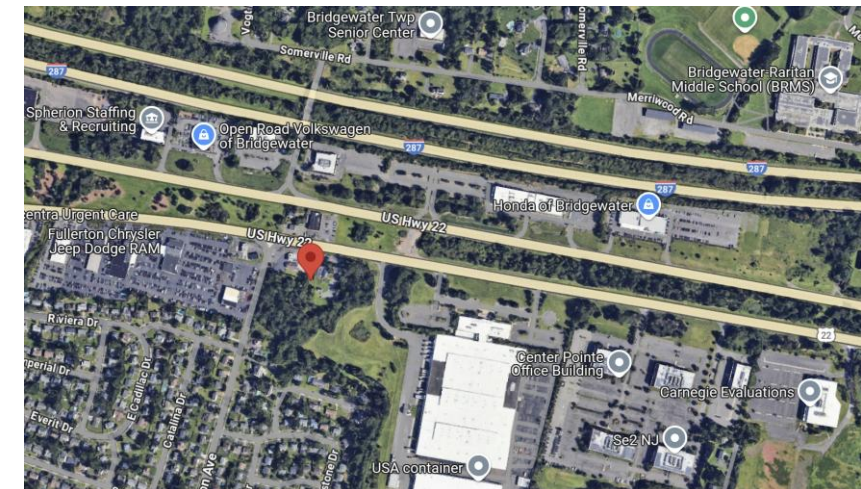
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