Hryhorii Manaienkov

AI Engineer · Agentic SDLC & developer productivity

I build AI agents into the software development process. At ISD I'm rolling out an agentic SDLC on Claude Code, where an agent takes an issue all the way to a reviewed pull request. It rests on 14 years of production engineering, six of them as a team lead.

manaenkov.gregory@gmail.com · hman.pro · linkedin.com/in/hryhorii-manaienkov-9b317ab7 · github.com/ManGregory

EXPERIENCE

git log --graph

Jun 2026 – now CURRENT

AI Engineer · ISD

- Designing and rolling out an agentic SDLC at ISD on Claude Code, GitHub Spec Kit and GitHub Actions; in the pilot, the agent takes bug fixes from issue to pull request on its own.
- Built its AI code review, used voluntarily by 50+ engineers on 8 repositories: 700+ pull requests reviewed, about two thirds of findings fixed.
- Measuring the review continuously: ~98% precision (LLM-judged) and 52% recall on a control set of 25 known bugs.

Claude Code · Claude API · GitHub Spec Kit · GitHub Actions · MCP

May 2022 – Jun 2026

Team Lead / Full Stack Developer · ISD

- Led my team from the C#/.NET desktop genetics module to the Results area of LIS, a Java/Angular web product for lab results, and coached it through the new stack.
- Grew the team from 8 to 13 (3 internal transfers, 2 external hires I interviewed); onboarded newcomers and documented onboarding; ran performance assessments and prepared promotion recommendations for management.
- Planned and delivered releases for my area; took our team's part of the product live with its first client; led my area on emergency support and client go-lives.
- Fixed performance bottlenecks in 2023–2025, mostly in Oracle: execution plans and query optimization.
- Built Grafana dashboards for the Results area that other LIS teams adopted.
- Introduced GitHub Copilot in the team with the product's first custom instructions.

  In 2026 ran the company-wide intro to AI in development for 300+ people, in English.

Java · Spring Boot · Angular · TypeScript · Oracle · Grafana

Feb – Sep 2020

Course Instructor · Hillel IT School

- Taught C#/.NET courses, from fundamentals to students' first projects.

Oct 2015 – May 2022

.NET Developer → Team Lead · ISD

- Built and maintained the LIS genetics module, a desktop app for genetic test workflows, results processing and reporting, where clinical data has to be exactly right.
- Grew to senior level and became the team's lead in 2020.
- On emergency support on-call from 2017, 2–4 weeks a year, resolving urgent customer issues.

C# · .NET · WinForms · SQL

Jun 2012 – Oct 2015

Software Engineer · PJSC KZRK

- Built and maintained the company's in-house ERP in Delphi: budgeting, tenders, procurement.

Delphi · SQL

PROJECTS

how they work

ISD · INTERNAL

Agentic SDLC

Autonomous bug fixes, with features in progress: open an issue, assign the agent, and it carries the work to a reviewed pull request.

PIPELINE	Reproduce the bug, or write failing tests and invariants for a feature. Plan, then a critique of the plan. Implement, then a post-implementation slot (docs, simplification). AI code review plus an external AI reviewer, QA, and an ADR for the decision.
BUILT ON	GitHub Spec Kit, Claude Code in GitHub Actions, GitHub Projects. Every step is templated and logged on the issue and the pull request.
STATUS	Pilot: bug fixes run end to end; features work with some limits.

`Claude Code` `GitHub Spec Kit` `GitHub Actions` `GitHub Projects`

ISD · INTERNAL

AI code review

Comments on pull requests; engineers decide what to fix.

THREE ANGLES ON CODE	An architecture overview; a focused review of risky spots found with a defect dictionary; and an unfocused whole-file read that catches what the focused pass was not told to look for, usually 1–2 more likely bugs.
BEYOND THE CODE	Checks changes against requirements and docs from the issue tracker over MCP. A second MCP server over an internal code graph maps the changed code to affected requirements and test cases; the model filters them into a regression checklist.
HOW IT'S MEASURED	An LLM job runs three times a day: it checks which findings were fixed, judges false positives and tracks adoption. Recall is checked separately on a control set of known bugs.

`Claude Code` `MCP` `Code graph` `Multi-agent`

SKILLS

by area

AI engineering
Agentic SDLC, Claude Code, Claude API, MCP, GitHub Spec Kit, multi-agent review, context engineering, LLM evaluation

Backend
Java, Spring Boot, C#, .NET, REST APIs

Frontend & desktop
Angular, TypeScript, WinForms, Delphi

Data & performance
Oracle (execution plans, query tuning), SQL, T-SQL

Infrastructure
GitHub Actions, Docker, Prometheus, Grafana

Leadership
Hiring and onboarding, performance reviews, release planning, mentoring, technical training and talks, incident response

ALSO WORKED WITH: Kubernetes, Helm

CERTIFICATIONS

Prometheus and Grafana · robot_dreams	Oct 2025
Oracle SQL Performance Tuning Masterclass · Udemy	Nov 2023

LANGUAGES & EDUCATION

Kryvyi Rih Technical University · Master's, Software Engineering	2013
Ukrainian	Native
English	C1 · Advanced