

Skills

The 90-Day Growth Plans · L1 to L5



WHAT THESE PLANS ARE

SCAV™ measures Skills as one of four developer dimensions — the ability to write, debug, test and ship correct code. Where a developer lands on the L1-L5 ladder, Litcoder issues the matching 90-day plan: a structured, week-by-week engineering programme that moves them to the next level with evidence — not certificates. Each level is a separate document. This page summarises all five.

THE SKILLS MATURITY LADDER

Each plan = 90 days · 3 sprints · 12 weekly milestones

L1 LEVEL	Foundational Coder → Pattern-Based Coder SPRINTS DAY 1-30 · FOUNDATION Build the daily coding habit DAY 31-60 · RELIABILITY Debug and solve varied problems DAY 61-90 · OWNERSHIP Ship a complete project OUTCOME Confidence with code, reliable daily habits, two functional mini-projects and a portfolio of 10 best solutions.
L2 LEVEL	Pattern-Based Coder → Reliable Implementer SPRINTS DAY 1-30 · FOUNDATION Think before you code DAY 31-60 · OPTIMIZATION Solve independently, debug DAY 61-90 · PRODUCTION Build, test, ship end-to-end OUTCOME Independent implementation, stronger algorithmic reasoning, and a real project delivered under time pressure.
L3 LEVEL	Reliable Implementer → Efficient Coder SPRINTS DAY 1-30 · DESIGN Algorithms and complexity DAY 31-60 · BUILD Quality, testing, performance DAY 61-90 · DELIVER Own an end-to-end capstone OUTCOME Cleaner code, systematic testing, evidence-based performance and a polished capstone portfolio with design docs.
L4 LEVEL	Efficient Coder → Optimization Thinker SPRINTS DAY 1-30 · EFFICIENCY Algorithmic depth, design for scale DAY 31-60 · RESILIENCE Profile, optimise, harden DAY 61-90 · OPTIMISATION Performance-sensitive capstone OUTCOME Measurable performance gains, scalable design, and a performance-engineering portfolio with profiling and benchmarks.
L5 LEVEL	Optimization Thinker → Engineering Leader SPRINTS DAY 1-30 · BEYOND CODE Systems thinking, trade-offs DAY 31-60 · SCALE Observability, resilience DAY 61-90 · LEAD Defend a production system OUTCOME Architectural judgment and technical leadership, evidenced by an Engineering Excellence Portfolio.

Each 90-day plan is a self-contained engineering document — roughly 6 pages of structured practice covering the level diagnostic, three sprints, twelve weekly practice briefs, debugging and quality ladders, the weekly rhythm and the evidence portfolio the learner must produce.

WHAT EVERY PLAN CONTAINS

01 Level diagnostic

Where the engineer is today and the exact coding profile they are being moved to — stated as observable behaviour, not a syllabus.

02 Three 30-day sprints

Each 90-day plan is broken into three sprints with a clear engineering theme, weekly deliverables and a defined end state.

03 Weekly practice briefs

Every week has named problem sets and a build — focus, engineering tasks, debugging drills and the artefact to be submitted.

04 Debugging & quality ladder

Structured debugging method, code-review checkpoints and the quality bar every submission must clear before it counts.

05 Practice rhythm

A weekly cadence table — problems solved, builds shipped, tests written, refactors and reflection — so progress is measurable.

06 Evidence portfolio

A numbered 12-item portfolio per level, forming the SCAV™ Developer Passport from L1 through L5.

SAMPLE EVIDENCE PORTFOLIO

12 numbered artefacts per level · the SCAV™ Developer Passport

L1 Daily practice log · 2 functional mini-projects · 10 best solutions · Debugging journal · First shipped project

L2 Pattern library · Timed problem sets · Refactored codebase · Test-covered module · End-to-end project

L3 Design docs · Automated test suite · Complexity analyses · Deployment guide · Capstone + technical presentation

L4 Profiling evidence · Benchmark reports · Concurrency work · Optimisation report · Performance-sensitive capstone

L5 Architecture dossier · Scale & resilience design · Observability dashboards · Design review · Engineering roadmap

WEEKLY PRACTICE RHYTHM

Structured problem solving **5-7 per week**

Working build or feature **1 per week**

Testing and code review **2 sessions**

Refactoring and optimisation **1 session**

Decision log and reflection **30-45 minutes**

NON-NEGOTIABLE ENGINEERING DISCIPLINE

- Write code every day — consistency beats intensity.
- Debug with method, never by guesswork.
- Refactor until the code reads clearly.
- Test what you build before you call it done.
- Defend every design decision with evidence.

For more details contact Litcoder

www.litcoder.in

Full L1-L5 plans, weekly practice briefs, project sets and evaluation rubrics are provided to our client partners.