Focused ML/MLOps Career Roadmap (12-Month Plan)

Goal

Secure a ML/MLOps Engineer role at 1820 LPA in India within 12 months. Long-term: target product-based companies (Google, Uber, etc.).

Quarterly Action Plan

Q3 (JulSep) Foundation + Projects
- ML Fundamentals (revise + hands-on): Regression, trees, ensembles, clustering, NN basics
- Start MLOps project: Model -> Docker -> FastAPI -> AWS/GCP -> GitHub
- Cloud Basics: AWS/GCP ML pipeline (free-tier + cert-prep)
- DSA 2 hrs x 3/wk: Arrays, strings, hashing

Q4 (OctDec) Specialization + Polish
- Finish 2 full MLOps projects
- Learn: Airflow, MLflow, CI/CD tools, Docker, Kubernetes basics
- Target AWS ML Specialty / GCP ML Cert
- Start mock interviews + case-based ML prep
- Network: Join MLOps/DataSci forums

Q1 (JanMar) Resume & Application Phase
- Resume = Results + GitHub links + Impact bullets
- Prep: ML interview Qs, DS/Algo revision, mock HR rounds
- Start applying to companies in 1820 LPA range

Q2 (AprJun) Final Push
- Accept offer or pivot -> LLM/NLP niche (if inclined)
- Refine and scale projects
- Evaluate: Job switch OR promotion within

Weekly Study Schedule

Mon: 1hr DSA + Cloud lab
Tue: 1hr ML theory + 1hr project
Wed: 1hr DSA + 1hr GitHub cleanup
Thu: 2hr MLOps tools (CI/CD, MLflow)
Fri: Project deployment/debug + blog
Sat: Mock Qs / Resume / Cert course
Sun: 2hr revision + Networking (forums)

Tools & Tracking

- GitHub: for MLOps/ML project code

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- Notion/Obsidian: track daily progress
- LeetCode/InterviewBit: 23 problems every alternate day
- LinkedIn: weekly post/update to improve visibility

Reminders to Stay on Track

- "Jack of all is fine, but master one and showcase it."
- MLOps + DSA = best combo for short and long-term growth
- Bench = Opportunity: build, deploy, write
- Weekly progress > random surges
- Keep resume/result/project driven

Certifications & Proof Builders

- AWS ML Specialty / GCP Professional ML Engineer
- TensorFlow Developer Certificate (optional)
- Blog/LinkedIn writeups on projects/tools