

Founding Technical Lead / Head of Engineering

★ PRIORITY HIRING

DEPARTMENT	LOCATION	EMPLOYMENT TYPE	REPORTS TO
Engineering & AI	Delhi / Hybrid	Full-time	Founder

ABOUT FUTURE FORGE LABS

Future Forge Labs is an ambitious AI startup building next-generation, high-throughput AI-powered Patent Intelligence and LegalTech platform solutions. We leverage state-of-the-art Large Language Models, high-dimensional vector search, and multi-tenant cloud architecture to transform how global legal and R&D teams search, analyze, and protect intellectual property.

ROLE SUMMARY & MISSION

We are seeking a visionary, hands-on Founding Technical Lead / Head of Engineering to own the complete end-to-end engineering strategy, platform architecture, and execution. Working directly alongside the Founder, you will build the technical core from 0 to 1, architect scalable enterprise systems, and hire and lead our core engineering team in Delhi.

Primary Mission: *"Lead the technical vision, architecture, and execution of Future Forge Labs' flagship AI-powered Patent Intelligence platform."*

KEY RESPONSIBILITIES

- Architect and own the enterprise multi-tenant cloud architecture, backend microservices, and AI core engine.
- Hands-on lead software engineering efforts across backend (Python/FastAPI/Django), frontend (React/Angular), and DevOps.
- Recruit, onboard, and mentor top 1% engineering, AI, and DevOps talent to build a world-class team.
- Design and deploy production-grade RAG pipelines, vector search infrastructures (FAISS, Pinecone), and LLM evaluations.
- Establish engineering rigor: CI/CD automation, comprehensive testing suites, clean code standards, and security compliance.
- Partner directly with the Founder to translate product roadmap goals into rapid, high-quality technical deliverables.

WHAT WE ARE LOOKING FOR

- 8–12+ years of hands-on software engineering experience with deep expertise in system design and cloud architecture.
- Proven track record of leading software engineering teams and shipping 0-to-1 production SaaS applications.
- Expert mastery of Python (FastAPI/Django), modern frontend frameworks (React/Angular), and SQL databases (PostgreSQL).

- Strong foundation in cloud platforms (Azure, AWS, or GCP), Docker, Kubernetes, and automated CI/CD (GitHub Actions/Azure DevOps).
- Practical experience or active building with AI/LLM integrations, embedding pipelines, and vector databases.

NICE TO HAVE

- Previous experience as an early engineer or tech co-founder in a high-growth tech startup.
- Familiarity with IP/Patent analytics, LegalTech, or complex scientific text mining.

WHAT WE OFFER

- Founding team equity & competitive salary package.
- Opportunity to shape technical culture and architectural strategy from ground zero.
- Hybrid workplace flexibility (Delhi office / remote balance).

How to Apply

Interested candidates can send their resume and portfolio/GitHub links to careers@futureforge labs.in with subject line *"Application: Founding Technical Lead / Head of Engineering"*.