

Alok Nagdev

Director of Technology & Delivery | AI Architect | Startup Scaler Bhopal • +91 9009078555 • alok.nagdev@gmail.com

EXECUTIVE SUMMARY

A visionary Technology Leader and Architect specializing in the rapid scaling of high-growth engineering teams and the deployment of frontier AI systems. Distinguished by a rare dual-fluency in low-level systems (C/C++, JVM) and high-level Intelligence (GenAI, Agentic AI, Multi-modal LLMs). Proven track record in building 0-to-1 delivery centers and spearheading digital transformation through aggressive technical roadmaps and a culture of engineering excellence.

CORE COMPETENCIES

- **Strategic Leadership:** Rapid Team Scaling (0 to 50 in 6 months), Delivery Center Architecture.
 - **Artificial Intelligence:** Agentic AI, Gen AI, Multi-modal LLMs, STT, TTS, Computer Vision, Image Processing.
 - **Platform Mastery:** Cross-platform Mobile (Android/iOS), NDK, JVM, Cloud Infrastructure (AWS/GCP).
 - **Product Vision:** UI/UX Visualization, Agile & Waterfall Methodologies, Rapid Prototyping.
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PROFESSIONAL EXPERIENCE

Kadel Labs | Director of Technology and Delivery

- **Organizational Architecture:** Built a premier Delivery Center from the ground up, scaling the engineering footprint from 0 to 50+ members within a 6-month window to meet aggressive growth targets.
- **Frontier Product Delivery:** Spearheaded the launch of a first-of-its-kind mobile application; led the end-to-end engineering of a unique solution to a previously unsolved technical challenge.
- **Generative AI Innovation:** Engineered sophisticated Voice Synthesis models using multi-modal LLMs for realistic voice cloning, successfully integrated into Marketing Lead Generation and CRM ecosystems.

Kadel Labs | Director

- **Digital Transformation:** Orchestrated cross-functional teams to modernize technical workflows, aligning legacy infrastructure with high-performance cloud-native capabilities.
- **Operational Excellence:** Standardized delivery protocols across departments, ensuring technical debt reduction while maintaining high-velocity output.

CheSScan | Founder & Developer

- **Product Stewardship:** Defined the strategic vision and technical roadmap for a specialized handwriting recognition platform in a niche domain.
 - **Full-Stack Oversight:** Managed the entire product lifecycle, from initial architectural design to UI/UX execution and backend scalability.
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TECHNICAL TOOLKIT

- **Programming Languages:** C, C++, Python, Kotlin, Swift, JVM, Android NDK.
 - **AI/ML & Data Science:** PyTorch, TensorFlow, Scikit-learn, NumPy, Pandas.
 - **Cloud & Systems:** AWS, GCP, Linux, Systems Architecture.
 - **Design & Productivity:** Adobe Illustrator, Inkscape, Power Point, Excel, MS Docs.
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EDUCATION

Master of Science in Computer Science (MSCS) University of South Florida (USF)