Kuldeep Singh

Gurugram, India | thinkuldeep@gmail.com | +91 9911921195 | LinkedIn

SUMMARY

As a software professional with over 20 years of IT experience, I have led and executed highly complex projects in forecasting, resource optimization, portfolio modernization, cloud computing, AI, IoT, XR, and Web3, Metaverse. I have pioneered emerging technology practices to accelerate business growth and established platforms that drive innovation and creativity. Additionally, my impactful contributions to the technology community have empowered and mentored over 50,000 individuals worldwide.

"...Very impressed with his hands-on approach to learn technology. He created cutting-edge proof-of-concepts using technology which were at a very early stage. His ability to learn new tech topics like Assisted Reality, IoT is very impressive. An asset to have in any team." ~ Kanchan Ray, Chief Technology Officer, Nagarro, Gurgaon, India

SKILLS

Technology Management: Tech strategy, product vision, value roadmap, execution plan and KPIs

Technology Delivery: Solution architecture, engineering effectiveness, eXtreme Programming, metrics

Technology Incubation: Fail-fast experimentation, community development, influencing and persuasion

EXPERIENCE

THOUGHTWORKS TECHNOLOGIES   GURUGRAM, INDIA
Principal Consultant, Engineering Director, Technical Product Manager   Aug 2018 - till date

- *Spearheaded **emerging tech COE**:* Generated $30M in 5 years with 20% YOY growth, supported by a community of over 1,000 people and Center of Excellence in XR, IoT and metaverse technologies.
- *Amplified engineering practices*: Created autonomous high-performing teams with a 100% on-time, in-budget delivery record. It placed us as a trusted partner, leading to more business opportunities.
- *Promoted team excellence:* Led the team to published 250+ articles, participated in 120+ events, won client awards, and secured 2 US **patents**.
- *Boosted client value:* Developed value-driven roadmaps and efficient architectures, saving clients 30% in development costs.
- *Led risk assessment:* Conducted competitive analyses, convinced the clients to redirect 50% of investment to key areas.

NAGARRO SOFTWARE   GURGAON, INDIA

Director Technology   Sep 2005 to Aug 2018

- *Architected high scalable cloud-native solution:* Designed a flexible solution for revenue management and demand forecasting, managing over 200 microservices and processing 20TB of data daily.
- *Unified software development standards and practices:* Led the Java Architecture Group and Emerging Tech **Center of Excellence**, enhancing services internally and supported over 30 clients.
- Instituted CMMi, ISO processes to achieve quantifiable and qualitative success.
- Progressed from developer to technical architect to director, contributing to 20x organizational growth.

I have also worked at Quark Media House, Chandigarh, as Engineer R & D from Jul 2004 to Sep 2005.

EDUCATION

BACHELOR OF TECHNOLOGY, COMPUTER ENGINEERING   KURUKSHETRA, INDIA

National Institute of Technology, Kurukshetra   2000 to 2004

CERTIFICATIONS

- *Building AI* and *Elements of AI* certificates from *University of Helsinki, Finland* (Online)

- Certificates for specialized courses in Product Management, User Experience Design, Ethical hacking, Enterprise Architecture (TOGAF Training), IoT and Java Professionals.

ADDITIONAL INFORMATION

- *Awards & Recognition:* Honored with the Outstanding Performance Award, Distinguishing Service Award, and the Indian Achiever's Award.

- *Published Author:* "[**Exploring the Metaverse:** **Redefining Reality in the Digital Age**](#)"

- Contributed in NASSCOM IoT COE, ITU-T SG20, Department of Telecomm(DOT), Ministry of Electronics and Information Technology (MeitY), Smart India, XTIC IIT Madras, IIT Delhi, and FICCI as a mentor, speaker, and guest lecturer.

- Launched and managed thinkuldeep.com, featuring my 130+ articles, 60+ events, books, patents, and open-source contributions.

———————————————