

Manish Kumar

TECHNICAL ARCHITECT · AI & FRONTEND

CONTACT

LOCATION

Delhi-NCR, India

PHONE

+91 9891478123

EMAIL

manishk81290@gmail.com

LINKEDIN

linkedin.com/in/manishk81290

GITHUB

github.com/manishk81290

SKILLS

Architecture

Solution design, governance, scalability analysis, design patterns, Atomic Design, SPA & micro-frontends, RFP solutioning

AI & Emerging

AI Agents, agentic SDLC automation, OpenAI, MCP, Mastra, LangChain, Voice/Telephony AI (LiveKit, VAPI, ElevenLabs, Twilio), STT/TTTS, embeddings, prompt engineering

Frontend & CMS

React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3, Adobe AEM EDS (Edge Delivery Services), performance optimization

Backend & Integrations

Node.js, REST, GraphQL (Apollo), AWS, OAuth, payment gateways, Google APIs, Playwright (E2E/POM), CI/CD

Leadership

Team leadership & mentoring, technical interviewing, stakeholder management

INDUSTRIES

Real Estate · Logistics · Finance & Fintech · Digital Marketing · SaaS · Banking

SELF-LEARNING / R&D

Voice & Telephony AI Agents

Self-built prototypes for automated outbound calling and real-time AI conversation — OpenAI, LiveKit, VAPI, ElevenLabs, Twilio, WebRTC.

EDUCATION

MCA, Computer Applications

Kurukshetra University · 2011–2014 · Grade A

BCA, Computer Applications

Guru Nanak Dev University, Amritsar · 2008–2011 · Grade A

CERTIFICATIONS

Graph Developer – Associate (Apollo GraphQL) · Webpack 5 (Udemy) · +7 more

LANGUAGES

English (professional) · Hindi (native) · Punjabi (professional)

11+ yrs

ENGINEERING & ARCHITECTURE

6+

ENTERPRISE CLIENTS SHIPPED

AI + FE

DUAL SPECIALIZATION

SUMMARY

Technical Architect with 11+ years building and scaling enterprise web platforms and, increasingly, production AI systems. I own end-to-end solution design and architecture governance, lead frontend engineering teams, and ship applied AI — agentic SDLC automation and LLM integrations (OpenAI, MCP, Mastra, LangChain). Led teams of 5+ and delivered platforms for global enterprise clients across logistics, finance, real estate and banking, pairing deep React/Next.js engineering with practical AI.

EXPERIENCE

Verticurl (a WPP company)

Gurugram, India · Hybrid

Technical Architect (Apr 2025–Present) · Lead Engineer (Jul 2022–Mar 2025)

- Drive architectural direction for large-scale platforms and AI products — solution blueprints, technical governance, and RFP solutioning across engagements (**Dexus, Bank of Thailand, LHG, IBM**).
- Architected the **Dexus (Australia) React** frontend from scratch — Atomic Design, reusable component library, and Google Maps (clustering, panning, interactive controls) — enabling reuse across **35+ microsites**, and delivered Verticurl's **first SPA** (Retailer Portal & Admin Dashboard, Microsoft Entra auth).
- For **Genting Singapore**, led the base **Adobe AEM EDS** (Edge Delivery Services) setup and automated front-end component development with Claude (AI) — auto-generating each component's source document, build JS and CSS.
- Frontend lead for **Bank of Thailand** — managed 3 engineers and built data-rich components: charts, graphs, exchange-rate APIs, and PDF/Sheets document handling.
- Built **DevStudio**, an agentic AI SDLC platform (Epic, Story, NFR, Test-Strategy agents), cutting delivery effort **~40%**; reduced developer onboarding from days to **~30 minutes**.
- Integrated LLM-powered capabilities into enterprise products — AI agents, prompt engineering and vector-embedding workflows — using OpenAI APIs, MCP, Mastra and LangChain.
- Established E2E test automation (Playwright + POM, CI/CD), **led & mentored a team of 5** frontend engineers, and serve as a regular technical interviewer for Verticurl & WPP Open hiring.

Publicis Sapient

Noida, India

Senior Associate, Experience Technology (Jun 2021–Jul 2022)

- Delivered client-facing and admin web apps for **YRC Freight** (US logistics) — real-time shipment tracking, booking, reporting dashboards, and on-demand PDF report generation.
- Led **2 frontend engineers** while contributing hands-on; built reusable React/Redux UI to coding standards.

R Systems

Noida, India

Senior Software Engineer (Apr 2019–Jun 2021)

- Re-architected a legacy **ASP.NET** application into a modern **React + Node.js** stack, cutting initial load time and improving maintainability through reusable components.
- Frontend developer for **GMAC** (gmac.com, mba.com) — built reusable component libraries and drove front-end performance optimization.
- Built the **Dealer-FX** dashboard (reusable web components, in-app chat, appointment booking) and rewrote **Autino Customer Lounge** as a high-performance, embeddable React plugin.

Broadridge

New Delhi, India

Senior Software Engineer (Jun 2017–Mar 2019)

- Built fintech products (ProxyEdge, FundPoint, 529FPD/529SCA) using Angular, then React + Node.js.

IntelliRise Tech Solutions

Greater Noida, India

Software Developer (Feb 2016–May 2017)

- Full-stack delivery (React/JavaScript, .NET, MS SQL) across multiple SaaS products.

Tantrasha LLP

Ghaziabad, India

Software Engineer (Jul 2014–Jan 2016)

- Full-stack dev (AngularJS, .NET, **WebRTC**); built "VR Lively" + a **1M+ download** consumer app.