

DEEPAK KUMAR JHA

Technical Lead • Senior Full-Stack Engineer

Node.js • Express.js • TypeScript • Angular • React • NestJS • AWS • GCP • Microservices
New Delhi NCR, India | +91 98996 60763 | entr.deepakjha@gmail.com | linkedin.com/in/build-with-deepak
Immediate joiner — available within 15 days | Open to UAE / Dubai relocation (degree MOFA-attested)

PROFILE

Hands-on Technical Lead and full-stack engineer with deep production experience in Node.js, Express.js, Angular and React, building systems across media, telecom, fintech and enterprise SaaS. Comfortable owning a service end to end — architecture, delivery, and the support that follows — while mentoring teams of 4 to 10 engineers. Recent work spans microservices decomposition, performance engineering, and shipping Generative AI features into production on GCP.

TECHNICAL SKILLS

Backend: Node.js, Express.js, TypeScript, JavaScript (ES6+), NestJS, REST API design, Microservices

Frontend: Angular (v2-v17), React.js, Redux, HTML5, CSS3 / SCSS, Material UI, Ionic

Stacks: MERN Stack (MongoDB, Express, React, Node.js), MEAN Stack (MongoDB, Express, Angular, Node.js), Full Stack Development

Cloud & DevOps: AWS (EC2, Lambda, S3, ECS, RDS, CloudFront), GCP (Cloud Run, Cloud Functions), Docker, Kubernetes, CI/CD (GitHub Actions, GitLab CI, Jenkins)

Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch, Prisma ORM, Mongoose

Architecture: Microservices, System Design, Event-Driven Systems, Multi-Tenant SaaS, API Design, Caching & Performance Engineering

AI Integration: Gemini API, OpenAI API, RAG pipelines, LLM-backed product features

Practices: Agile / Scrum, TDD, Code Review, JWT / OAuth2, WebSocket, Git

PROFESSIONAL EXPERIENCE

SmartSitting — Childcare Placement Marketplace, New York (Remote) | Dec 2025 - Present

Technical Lead

- Lead a 4-5 engineer team owning the full technical stack — web app, admin platform, candidate and institution onboarding, and mobile app — built from zero on GCP.
- Shipped Gemini-powered chat automation and an AI-driven profile suggestion and review engine, contributing to 3x growth in weekly candidate applications.
- Own GCP infrastructure end to end: CI/CD, zero-downtime deployments, domain, email and payment gateway integration.

Indegene Limited (NASDAQ: INGN) — Life Sciences Technology, India | Feb 2025 - Dec 2025

Solution Architect

- Led 12-14 engineers migrating a legacy React application to a modern architecture and decomposing a monolith into microservices.
- Cut API response times from 10-40 seconds to 5-7 seconds and eliminated recurring weekly server crashes.
- Parallelised high-volume data processing with cron-based batch jobs, reducing runtime from roughly 60 minutes to 20-30 minutes.

Toppan Merrill LLC — Financial Data & Regulatory Compliance, India | Apr 2024 - Feb 2025

Technical Analyst

- Delivered enterprise compliance portals for financial, legal and healthcare clients across North America, Europe and APAC using Node.js, Angular 17 and GCP.
- Designed audit-ready data models with full lineage tracking in Prisma ORM for regulated, multi-jurisdictional workloads.
- Led backend architecture decisions within a team of 6-8 engineers, defining API standards and data governance patterns.

Radisys Technology (Reliance) — Deutsche Telekom Partner, Telecom & IoT, India | Oct 2021 - Apr 2024

Tech Lead / Solution Engineer

- Led interface engineering for DT Access 4.0, Deutsche Telekom's carrier-grade network operations platform, managing 8-10 engineers within a 300-person global programme using React, Node.js, Kubernetes and PostgreSQL.
- Engineered high-throughput IoT data pipelines for Smart Home applications, processing concurrent event streams from security cameras, gateways and geofencing devices.
- Established engineering standards and mentored the team on best practices, code quality and architecture patterns.

HT Media Ltd. (Hindustan Times) — New Delhi | Nov 2018 - Sep 2021

Associate Architect / Tech Lead

- Architected and scaled backend services for LiveHindustan.com to 60M+ monthly users, sustaining stability through elections, cricket finals and national breaking news.
- Designed CDN + Redis + Elasticsearch caching, cutting API response times from 400-600ms to sub-100ms under peak load.
- Directed greenfield development of the Hindustan Smart City platform — architecture, API standards and deployment pipelines from day one.
- Managed a team of 5 backend engineers; introduced CI/CD, code review and TDD practices across the function.

Publicis Sapient (SapientRazorfish) — Gurgaon | Jun 2017 - Nov 2018

Senior Associate — Full Stack

- Re-architected Bed Bath & Beyond's legacy backend to support a React and Redux SPA, working across a 10–12 person full-stack team using Angular, PostgreSQL and Node.js.
- Shipped cart, promotions and checkout features for The Children's Place hybrid mobile app (Angular / Ionic) on schedule.
- Established code review standards and deployment pipelines; integrated Snowplow and Omniture analytics for conversion insight.

NTT DATA Global Delivery Services — Gurgaon | Jan 2016 - Jun 2017

Senior Software Developer

- Delivered Hanover Insurance's mobile application end to end using Angular 2 and Ionic, from architecture through production release.
- Built reusable UI component systems for Honeywell Partner Connect and NTT Security enterprise platforms.

Avalon Information Systems — New Delhi | Mar 2015 - Jan 2016

JavaScript Developer

- Built hybrid iOS and Android applications using Ionic Framework and AngularJS, including the Child Info census data app.
- Developed census and geospatial data visualisation dashboards using Highcharts and AngularJS.

Independent Full-Stack Consultant — Remote | Feb 2013 - Mar 2015

Full-Stack Developer (Contract)

- Designed and shipped full-stack web applications for SME clients across e-commerce, portals and dashboards, managing delivery end to end for clients in India and the Middle East.

EDUCATION

Bachelor of Engineering — Cochin University of Science and Technology, 2011

Degree attested by UAE Ministry of Foreign Affairs (MOFA) for overseas employment.