

# Girish Gandhi *Technology Lead*

📍 New Delhi, India    ✉ girishgandhi1995@gmail.com    ☎ +91 95555 57887  
🌐 linkedin.com/in/girish-g-b8b376169    🐙 github.com/Girish9582



## 📁 8.7+ YEARS OF PROFESSIONAL EXPERIENCE

I combine AI/**GenAI** expertise, system architecture, and engineering leadership to build and deliver scalable software solutions and SaaS products across industries.

With expertise in full-stack development and technical leadership, I transform complex business requirements into scalable, secure, and high-performance solutions. My experience spans product development, system architecture, cloud infrastructure, automation, and performance optimization. I focus on engineering best practices, team mentorship, and AI-driven innovation to enhance efficiency and deliver business value.

## 💡 SKILLS

**AI / GenAI:** Generative AI, Retrieval-Augmented Generation (RAG), ETL pipelines, Vector databases (Weaviate, Pinecone), AI chatbots, OCR / document parsing (Azure Document Intelligence), Claude, Codex, Uizard

**Architecture:** Microservices, System architecture, API authentication, Rate limiting, Containerisation, RBAC, Multi-tenancy, Performance, Security and Reliability, Database schema design, Database schema optimisation

**Leadership & Delivery:** Team leadership (8-10 members, cross-functional), Mentoring, Agile / Scrum, Jira, Sprint planning, PR reviews, Technical planning

**Cloud & DevOps:** *Cloud Platforms:* AWS, Azure, Digital Ocean | *AWS Services:* EKS, ECR, CloudFront, Secrets Manager, CodeCommit, Video on Demand | *CDN:* CloudFront, Cloudflare CDN | *Web Servers:* Nginx | *Containers & IaC:* Docker, Kubernetes, Terraform | *CI/CD:* CI/CD, Jenkins

**Engineering Stack:** *Programming Languages:* JavaScript, TypeScript, Python | *Frontend:* React.js, Next.js, Redux (Thunk / Saga), TanStack Query, Remix.js, HTML5, CSS3 (SCSS) | *Backend:* Node.js, Express.js, NestJS, Django, REST APIs

**Data:** *NoSQL DB:* MongoDB, DynamoDB | *RDBMS:* PostgreSQL | *Vector DB:* Weaviate, Pinecone | *Cache DB:* Redis | *Time-series DB:* InfluxDB

**Integrations:** Stripe, PhonePe, NIUM, Azupay, Razorpay, Onfido (video KYC), HyperVerge, Skyflow, Shopify, Google Maps API, MQTT, Mixpanel, Google Analytics

## 📁 PROFESSIONAL EXPERIENCE

**RVDK Labourhome Pvt Ltd, Technology Lead**

10/2024 – Present | New Delhi | Chennai, India

- Lead end-to-end development of **LHForce**, a **MERN**-stack SaaS platform (mobile app + web panel) for workforce management, covering onboarding, attendance, task management and productivity tracking, for the URC Constructions-backed organisation.
- Manage a cross-functional team of **8-10** (developers, QA, designers, product managers); ensure timely product delivery through sprint planning and PR reviews.
- Architect scalable **microservices** (**Node.js**, Express.js, **MongoDB**, **PostgreSQL**, **Redis**) with a focus on performance, security and reliability; drive system architecture and database optimisation.
- Set up and manage DevOps infrastructure using **Terraform**, **AWS**, **Docker**, ECR, Secrets Manager, CloudFront CDN, CodeCommit and Nginx reverse proxies, with **CI/CD** pipelines to automate deployments.
- Collaborate with stakeholders on technical planning and feature development, mentor developers and resolve complex technical challenges.
- Deliver **LHForce** modules for crew management, task allocation and timesheets on a **microservices** architecture, with automated **CI/CD** pipelines for secure, high-performance deployments.

**Pinnacle Technologies and Media Solutions, Product Engineer**

09/2023 – 05/2024 | Noida, India

- Implemented **RAG** with a complete **ETL** pipeline for **InsightAI**, a document-based **GenAI** chatbot with personalised **Shopify** product recommendations.
- Managed implementation and integration of vector databases (**Weaviate**, **Pinecone**), and integrated **Azure Document Intelligence** for OCR-based bank-statement parsing with Excel/CSV export.
- Implemented API-key authentication and rate limiting for third-party vendor API access; led end-to-end **PhonePe** payment gateway integration; designed database schemas and backend architecture with **Django**.
- Used Cloudflare CDN and managed **Docker** deployments with **CI/CD** on **AWS** and Azure; developed the chatbot frontend, a **Shopify** app (**Remix.js**) and a **React** dashboard.
- Built a dashboard for managing transactions, subscriptions and insights using **React**, Redux and Webpack.

**Nauggets Technologies Pte Ltd, Lead Software Engineer**

04/2022 – 08/2023 | New Delhi, India

- Led development of a global gold fintech app backed by Kunal Shah (CRED) and Farid Ahsan (ShareChat); drove integration of **Azupay** (Australia), **Stripe** and **NIUM** (global) payments.

- Implemented **microservices** (notifications, orders, B2B service subscriptions) and designed database schemas and backend architecture with **NestJS**; integrated **Onfido** video KYC and managed cron jobs for daily transaction summaries and interest calculations.
- Managed containerised deployments on **AWS EKS** with Nginx; integrated Skyflow vault for PII, InfluxDB for price history, and Google Analytics and Mixpanel; built a **Next.js** app (SSR, SEO) and a **React** admin dashboard.
- Built an admin dashboard for managing transactions, wallets, KYC and reports using **React**, Redux and Webpack.

#### **Xencov Software Pvt Ltd**, *Senior Software Engineer*

02/2019 – 03/2022 | New Delhi, India

- Led a team of developers and delivered **MERN** projects **Holotrak**, **Janus Aviation**, **Future Tayari** and **Welexo**; contributed to feature planning, schema design and deployment for **Future Tayari**.
- Implemented **RBAC** with **NestJS**, performance improvements (lazy loading, caching, image compression, **PostgreSQL** / **MongoDB** indexing) and **AWS Video on Demand**; integrated Google Maps, MQTT and Losant for IoT device tracking.
- Delivered **Holotrak**, a GPS fleet and asset tracking SaaS with real-time trip views, device movement tracking, geofence alerts and user role-based control.
- Delivered **Janus Aviation**, a multi-tenant airport asset management SaaS covering purchase and sale orders, invoice entries, job cards, asset movements, complaints handling and reporting.
- Contributed to **Future Tayari**, a soft skills learning app with social login, course purchases, a coupon system, **AWS Video on Demand** and Razorpay integration.
- Delivered **Welexo**, an import/export trade data platform for 25 countries with large CSV-to-JSON parsing, GIN-indexed **PostgreSQL** search, a subscription model and complex nested searches.

#### **Ardour Technologies Pvt Ltd**, *Technical Consultant*

09/2017 – 12/2018 | New Delhi, India

- Handled installation, configuration and customisation of CA Automation, BI, IT Infrastructure and Service Management tools.
- Prepared reports and handled knowledge transfer to client teams as part of each delivery.
- Delivered projects for clients including **Petronas (Malaysia)**, EXL, HCL and Tamil Nadu State Data Center (India).
- Holds Certified UIM Technical Consultant and Certified CA Spectrum Technical Consultant credentials for CA infrastructure management tools.

### ■ KEY PROJECTS

#### **LHForce** – *Construction Workforce Operating System*

A scalable **MERN** stack-based SaaS platform (mobile app + web panel) for construction workforce management, covering onboarding, attendance, crew management, task allocation, timesheets and productivity tracking. Built using **microservices** architecture, cloud infrastructure and automated **CI/CD** pipelines for secure, high-performance deployments.

#### **InsightAI** – *Document-Powered AI Solutions*

Document-based **GenAI** chatbot and personalised product recommendations integrated with **Shopify**, along with a bank statement document parser for financial reports with Excel/CSV export feature.

#### **Nauggets** – *Global gold fintech app*

Global gold fintech mobile app, backed by Kunal Shah (CRED) and Farid Ahsan (ShareChat), where users invest in gold and earn daily interest on their holdings.

#### **Holotrak** – *GPS fleet and asset tracking*

SaaS app for GPS fleet and asset tracking with real-time trip views, device movement tracking, geofence alerts and user role-based control.

#### **Welexo** – *Import/export trade data platform*

Import/export trade data for 25 countries, with large CSV-to-JSON parsing, GIN indexing for fast **PostgreSQL** searches, a subscription model and complex nested searches.

#### **Future Tayari** – *Soft skills learning web app*

Soft skills web app with social login, course purchases and coupon system, **AWS Video on Demand** and Razorpay integration. Contributed to feature planning, schema design, deployment and report development.

#### **Janus Aviation** – *Airport asset management*

SaaS web application to manage and maintain airport assets. Features include multi-tenancy, role-based access, purchase and sale orders, invoice entries, job cards, asset movements, complaints handling and reporting.

#### **Happily Trade CRM** – *Sales CRM*

A Sales CRM helping teams effectively track customer interactions, manage sales opportunities and analyse performance metrics of their employees. Developed using the **MERN** stack.

### 🎓 EDUCATION & CERTIFICATIONS

**BTech (Computer Science)**, Maharshi Dayanand University, Rohtak, Haryana

2013 – 2017

**10th & 12th (CBSE Board)**, Guru Harkrishan Public School, Kalkaji, New Delhi

**Certifications:** Certified UIM Technical Consultant | Certified CA Spectrum Technical Consultant