



# Girish Luna

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## Profile

Full-Stack Developer with 7+ years of experience in crafting scalable web and SaaS applications. Successfully led the development of a digital loan platform for HDFC Bank, enhancing processing speed by 25%. Architected a real-time monitoring system for smart cities, optimizing backend workflows to reduce system latency by 25%. I bring strong expertise in Node.js, MongoDB, and cloud deployment to drive innovative solutions.

## Professional Experience

09/2024  
Navi Mumbai, India

### Consultant Application Development Mahindra Defence Systems Limited

- Developed an Integrated Command Control and Center (ICCC) application for real-time monitoring and analytics for smart cities and defense.
- Architected scalable backend using Node.js, MongoDB, and Elasticsearch.
- Implemented Redis for session management and RabbitMQ for message-driven communication.
- Worked closely with frontend developers (React.js) to ensure seamless data visualization.
- Integrating 50+ security devices (CCTV, VMS, ACS, PIDS) for real-time monitoring and threat detection.
- Integrated WebRTC, HLS, and RTSP protocols for adaptive, low-latency live video streaming.
- Built a real-time alert dashboard using Charts and WebSockets for visualizing incident data across multiple devices and sources.
- Optimized backend workflows with RabbitMQ and Redis, reducing system latency by 25%.
- Designed a modular, scalable Microservice architecture using Node.js.

06/2023 – 08/2024  
Mumbai, India

### Sr. NodeJs Developer SnapWork Technologies PVT. LTD

- Developed HDFC Bank's digital Loan Journey platform covering PL (Personal Loan), BL (Business Loan), CLO (Corporate, Loan Origination), and Pricing Engine modules.
- Built robust backend services using NestJS and PostgreSQL, ensuring high availability and modular code architecture.
- Deployed applications on Azure Cloud using Docker and CI/CD pipelines, improving release cycle time by 40%.
- Integrated Red Hat Decision Manager (Drools) to externalize 100+ dynamic business rules, enabling faster policy updates without code changes.
- Collaborated with cross-functional teams (architecture, security, compliance) to ensure adherence to banking standards and data protection policies.
- Implemented detailed logging and monitoring using Azure Application Insights, improving issue resolution time by 30%.
- Conducted performance tuning that improved loan application processing speed by 25%.
- Contributed to sprint planning, code reviews, and mentoring junior developers to ensure clean code and best practices.

10/2021 – 06/2023  
Chandigarh, India

### Senior Analyst ECLERX SERVICES LTD.

- Developed Market 360, a product analytics and competitive benchmarking platform used by global clients like Samsung, HP, and Adidas.
- Built scalable APIs using Node.js (Koa.js) and MongoDB, handling high-volume data ingestion and transformation for millions of product records.
- Designed interactive dashboards in React.js to visualize KPIs, price trends, and market positioning across 20+ global regions.



## Professional Experience

07/2021 – 10/2021  
Mumbai, India

- Optimized complex aggregation queries in MongoDB, improving report generation speed by 35%.
- Implemented modular code architecture and caching layers to reduce API response times by 40%.
- Integrated real-time data pipelines for tracking competitor pricing and availability across multiple e-commerce channels.
- Projects contributed to: ERANGE (Retail Analytics), M360 (Market Intelligence), ECUBE (Data Processing Platform).
- Followed Agile methodologies, actively participating in sprint planning, backlog grooming, and peer code reviews.

### Senior Software Developer Pegasus InfoCorp

- Contributed to full-stack projects using React and Node.js.
- Focused on performance tuning and backend scalability.
- Deployed at client side (ECLERX SERVICES LTD.)

02/2021 – 05/2021  
Gurugram, India

### NodeJS Developer Freelancing

- Developed microservices, REST APIs, and dashboard features for startup clients.
- Learning development skills.

01/2018 – 01/2021  
Jodhpur, India

### Backend Developer(NODEJS) ALDO SOFTECH

- Joined as a fresher and quickly ramped up to contribute to key backend modules using Node.js and JavaScript for enterprise applications.
- Developed server-side logic and RESTful APIs, optimized performance through modular design.
- Improved code quality and performance by 30% through refactoring legacy logic and implementing reusable utilities.



## Education

07/2015  
Jodhpur, India

### Computer Science | B.TECH Jodhpur Institute of Engineering & Technology Graduated with 6.19 CGPA



## Technical Skills

### – BACKEND

Node  
**Professional**  
  
electron.js  
**Limited**

NestJS  
**Professional**

Express.js  
**Professional**

Koa.js  
**Professional**

### – FRONTEND

React.js  
**Professional**  
  
CSS  
**Professional**

Angular  
**Elementary**

JavaScript (ES6+)  
**Professional**

HTML  
**Professional**

### – DEVOPS & TOOLS

Docker  
**Elementary**

Kubernetes  
**Elementary**

Azure DevOps  
**Elementary**

Git  
**Professional**



## Technical Skills

### – DEVOPS & TOOLS

CI/CD Pipelines

Professional

### – CLOUD

Microsoft Azure

Elementary

AWS

Elementary

### – MESSAGING/CACHE

Redis

Professional

RabbitMQ

Professional

### – DATABASES

MongoDB

Professional

PostgreSQL

Professional

MySQL

Professional

MSSQL

Elementary

### – OTHERS

Elasticsearch

Elementary

REST APIs

Professional

Agile/Scrum

Professional

Red Hat Decision Manager

Elementary



## Languages

### – LANGUAGES

English

Professional

Hindi

Professional



## Achievements

- Collaborated with cross-functional teams to refactor and optimize code, reducing page load time by 40% and improving overall website performance.



## Projects

01/2018 – 05/2019

Jodhpur, India

### Blogify

**Blogify** is a full-stack web application built to allow users to create, publish, and manage blog content in a dynamic and interactive way. It provides a smooth content creation experience along with features like user authentication, blog discovery, commenting, and profile customization.

06/2019 – 01/2021

Jodhpur, India

### ERange

**ERange** is a lightweight, scalable web-based **analytics tool** designed to help **small and medium-sized enterprises (SMEs)** gain insights into their business performance. The platform provides a real-time, interactive dashboard with visual analytics for sales, customer behavior, revenue trends, and inventory movement.

10/2021 – 06/2022

Mumbai, India

### M360

**M360** is a full-stack web application designed to deliver deep analytical insights for **e-commerce businesses**, helping clients track and optimize product performance across **multiple online platforms and websites**. It supports **multi-client onboarding**, providing customized, data-driven dashboards with interactive visualizations.

07/2022 – 06/2023

Mumbai, India

### MCUBE

**MCUBE** is a full-stack web application built with **React**, **Node.js**, and **MongoDB**, designed for **automated data scraping from multiple external websites**. It uses rotating **proxy mechanisms** and dynamic scraping strategies to extract structured data from varied sources in real-time or



07/2023 – 08/2024

Mumbai, India

on a scheduled basis.

### PL , CLO, BL

PL, CLO is a robust personal loan journey management system built to **automate loan eligibility checks, decision-making, and application processing** using a combination of microservices architecture and rule-driven logic. The system leverages **NestJS** for scalable backend development, **PostgreSQL** for relational data management, and **Red Hat Drools** to define and execute dynamic business rules for loan eligibility and scoring.

01/2024 – 03/2025

Mumbai, India

### Pricing Engine

The **Pricing Engine** is a data-driven decision support product developed for **CRISIL**, designed to validate and recommend pricing based on a set of financial and product attributes. It allows users to **query structured data stored in PostgreSQL**, evaluates input against pre-defined thresholds and business rules, and returns intelligent recommendations on whether the provided pricing details are acceptable or not.

09/2024 – present

Mumbai, India

### M Vision

**ICCC (Integrated Command and Control Center)** is a comprehensive software platform developed to **monitor, manage, and analyze smart city operations** from a centralized system. The software supports various modules like surveillance, traffic, utilities, emergency response, and environmental sensors, offering a unified view for civic and municipal authorities.

Mumbai, India

### Medicare

**Medicare** is a full-stack web application developed as a **freelance project** to streamline **Outpatient Department (OPD) management** in hospitals and clinics. The tool supports **patient registration, appointment booking, consultation tracking**, and **FHIR-based doctor modules**, enabling seamless clinical record-keeping and standardized healthcare data exchange.