

### Contact Information

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Date of Birth: April 19, 1997

LinkedIn: <https://linkedin.com/in/roshan-poudel-a84145185>

GitHub: <https://github.com/Rroshan12>

NuGet Package: <https://nuget.org/packages/ListenItPro>

Portfolio: <https://roshanpoudel-pi.vercel.app/>

### Objective

Dedicated Senior Full Stack Software Engineer with over **5** years of experience in Node.js, **.NET** development, **JavaScript**, and **React**.

Proven expertise in designing and developing scalable, high-performance applications while adhering to SOLID principles and best design patterns.

Skilled in logging, monitoring, GraphQL, and gRPC, with experience leading teams, optimizing system performance, and implementing CI/CD pipelines.

Passionate about creating modern, efficient, and maintainable solutions that drive business success.

**Certified AWS Solutions Architect and Red Hat System Administrator.**

### Technical Expertise

**Backend Development:** Node.js, .NET Core, ASP.NET MVC, C#, REST API, GraphQL, gRPC

**Frontend Development:** React.js, React Native, JavaScript, TypeScript, Next.js, Ant Design, Material UI, Chrome Extension Development

**Databases:** MS SQL Server, PostgreSQL, MongoDB

**DevOps & Cloud:** Docker, Azure, AWS (S3, EC2, Lambda, RDS, CloudWatch), Nginx, Jenkins, Azure DevOps

**Real-Time & Microservices:** WebSockets, GraphQL Subscriptions, Microservices Architecture

**Security:** OAuth, JWT, Identity Server, Role-Based Access Control

CI/CD & Monitoring: Jenkins, Azure DevOps, Serilog, **Grafana**, **Prometheus**, Hangfire

## Work Experience

### Software Engineer | KrispCall Pvt Ltd

January 2024 – Present

#### Frontend-Centric Role

- Upgraded **Krispcall** App From **Create React App** to **Vite**
- Spearheaded frontend development **using React.js, Ant Design**, and **Chrome Extensions** to integrate calling features into **50+ CRM** platforms.
- Developed modern, responsive interfaces aligned with **real-time** data using **GraphQL Subscriptions** and **WebSockets**.
- Implemented **OAuth** flows for **Microsoft Teams** and **Dynamics 365** integrations.
- **Cache Frontend** with **Apollo** cache and **React Query**
- Collaborated with designers and product teams to deliver seamless user experiences.
- **Mentored frontend engineers** and optimized UI performance.

### Software Engineer | Info Developers Pvt Ltd

July 2023 – December 2023

#### .NET

- Built robust backend systems using **.NET Core** optimizing system performance for high-load applications.
- Integrated Hangfire for scheduled jobs and background processing tasks.
- Created **RESTful** and **gRPC**-based APIs for modular **microservices** architecture.
- Designed and deployed a **load balancer** and notification system (email, SMS, push).
- Wrote optimized **stored procedures** and automated critical data workflows.

## Software Engineer | Umbrella Solutions Pvt Ltd

November 2020 – June 2023

### Full Stack Developer

- Built and maintained end-to-end applications using **React**, **.NET Core**, and **Node.js**.
- Developed biometric-integrated **HR** systems, **ERP** loyalty platforms, and payment-integrated ticketing solutions.
- Led development of mobile applications using **React Native** for restaurants and parking systems.
- Integrated databases with performance tuning in **SQL Server** and **PostgreSQL**.
- Coordinated across teams to ensure on-time delivery, conducted code reviews, and managed DevOps practices.

### Education

Bachelor of Computer Applications (BCA)

Indira Gandhi National Open University (IGNOU), India

### Certifications & Training

- **AWS Certified Solutions Architect** – Associate
- **Red Hat Certified System Administrator (RHCSA)** – IT Security Nepal

### Key Projects

- **ListenItPro** (NuGet Package): .NET SQL Server listener for tracking and notifying table changes.
- **KrispCall** (VoIP): Built a scalable frontend and real-time backend using React, GraphQL, WebSockets, and Node.js.
- **Microsoft Teams App**: Developed and published a collaborative app using React.
- **ERP Loyalty System**: Created a rewards platform using full-stack tools with business analytics.
- **Chrome Extension** for CRM Integration: Developed a cross-CRM browser extension to integrate call features.
- **IVR System**: Engineered an automated call routing system.