


# Saroj Ligal

@contact@sarojligal.com.np


 [linkedin.com/in/sarojkoinfo](https://www.linkedin.com/in/sarojkoinfo)

 (+977) 9851088089

 Lalitpur, Nepal

## EXPERIENCE

### Technical Lead | Senior Full Stack Developer

 Jul 2020 - May 2024

Diagonal Technologies Pvt. Ltd. | Germany

Responsible for development of features and requests aligned with the goals defined by the Product Owners. As a Senior Full Stack Developer and Technical Lead, I am responsible for making technical decisions, designing system architectures for projects. I am also responsible for decision making of different technical difficulties in the organization and bridging the gap between technical team and management team for projects, including responsibility of managing technical resources and working close to the Project Manager and Product Owners. I am also responsible for converting requirements from feature definition onto technical requirements and helping the project manager define scope and priorities. Working with different AGILE technology and tools in parallel with hands-on development to maximize code efficiency and team management and maintaining quality of work are major parts of my responsibilities in the organization.

- Designed and implemented multi-language Micro Service architecture based Vehicle tracking Services.
- Implemented Event based Micro Service Architecture via the use of RabbitMQ provided services.
- Designed and developed nodejs bases communication and binary data decoding server service responsible for tracking vehicles devices provider Teltonika.
- Developed system to scan and report vulnerabilities for different platforms and CMS systems using a microservice architecture.
- Worked on vulnerability and update scanner and reporting system for different git based private repositories based on composer, nuget, docker, npm, drupal and other popular systems. - Worked on integration to project management tools like Gitlab, Jira, Redmine, Asana, Github, BitBucket and slack for vulnerabilities and update tracking tools.
- During this role i was given the task of making technical standards/practices and day to day organizational working manuals for increasing productivity and technical understanding throughout the organization and its members

### Senior Full Stack Developer | Project Lead


 Dec 2018 - Jul 2020

Diagonal Technologies Pvt. Ltd. | Germany

Responsible for development of features and requests aligned with the goals defined by the Product Owners. As a Senior Fullstack Developer and Project Lead, I was responsible for making technical decisions, designing system architectures for projects. I was also responsible for bridging the gap between technical team and management team for projects, including responsibility of managing technical resources and working close to the Project Manager and Product Owners. I am also responsible for converting requirements from feature definition onto technical requirements and helping the project manager define scope and priorities.

- Working with different AGILE technology and tools in parallel with hands-on development to maximize code efficiency and team management and maintaining quality of work are major parts of my responsibilities in the organization.
- Maintained and implemented different features defined by the client in a Airline Tour Operator project in a legacy language Adobe ColdFusion
- Worked closely in System Architecture level design and development of multiple REST api and React Redux based system to manage Funding for Startups. - Lead different teams of various sizes and expertise in multiple projects for achievement of organizational and product owner's goals and requirements.

## Senior FullStack Developer | Lead Developer


 Dec 2016 - Dec 2018

PROSHORE | Kathmandu, Nepal

Responsible for development of features and requests aligned with goals defined by the client. As a senior developer, I am responsible for making technical decisions and helping the team achieve goals, helping junior members of the team to better themselves in conjunction with decreasing and preventing technical debt from existing systems. Also as part of the RnD team responsible for research on new tools and development practices and implementing them in the organization for maximizing code quality and product delivery efficiency.

- Successfully implemented mobile REST api for reservation and use based project using REDIS cache for optimizing performance (Ubed.com).
- Successfully implemented Geo-fencing mechanism and heat-map for mapping usage data. - Successfully implemented different modules and features related to management for an e-commerce site using Laravel as the framework.
- Successfully implemented Payout via Adyen api for users to be paid their commission .
- Successfully implemented REST api for mobile devices to interact with an e-commerce site using Lumen as the framework, REDIS caching for optimized performance.
- Successfully implemented Google Firebase as the notification handler for different projects. - As part of the research and development team, helped with implementation of different development practices like code standards, automated code review etc for maximizing productivity.
- Successfully created a Zendesk platform App using React to integrate a PBX system that interacted with the Zendesk support platform and Ringdesk PBX integration.

## Full Stack Developer

 Jun 2012 - May 2015


Choobs Ltd. | Switzerland

Drove development and implementation of key features in alignment with client requests, working with senior leadership on the Information and Communication Technology Management, Planning

- Management and Invoicing project. Prepared estimates of project scope and work planning. Conducted post-development and post-implementation testing.
- Successfully implemented and deployed different modules and features related to Planning, ICT and Invoicing.
- Deployed SOAP based data synchronization between 2 different Symphony based plugins for data synchronization based on events on each plugin.

Technical Environment: PHP, JQuery, JavaScript, HTML, CSS, MySQL, Symfony, Propel, PHPStorm, NetBeans, Tortoise SVN, MySQL Workbench, VPN, Windows.

## Embedded Software Developer (Part-Time)

 May 2011 - Jun 2012

Projectronix Pvt Ltd | Nepal

Coordinated worked on hardware based software development as per requirements from the hardware design and development team.

- Worked on GSM and GPS module based tracking and route plotting.
- Researched sound source direction selection using Arduino.
- Worked on Quad copter research and development.

Technical Environment: Arduino, C, PHP, JQuery, JavaScript, HTML, CSS, MySQL.


## Freelancer Developer

 Apr 2011 - Jun 2012

Freelance

I worked on different web and desktop based applications. I developed web applications using different languages including PHP and ASP as per the client's requirements. Also developed applications using python, c# and vb.net .

## Research Programmer

 Aug 2010 - Jan 2011

Extreme-generation Pvt. Ltd | Nepal

Research and development of features as per the clients requirements based on different CMS as per request. Worked on implementing and developing web Based SMS delivery systems.

- Worked on a SMS service for the public. Implemented sms sending and user management feature.
- Researched and implemented a Bulk SMS system with features to send for marketing or different purposes. Worked on design and development of api for third parties to use our gateway for further development as per need.

Technical Environment: PHP, JQuery, JavaScript, HTML, CSS, MySQL, Joomla, Wordpress, Drupal .

---

## EDUCATION

### Bachelor of Engineering

 2006-2010

Kantipur Engineering College | Nepal

- Bachelor of Computer Engineering (Incomplete)

---

## LANGUAGES

English

Fluent

