

Ashish Rijal

Sr Software Engineer



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in: [LinkedIn](#)

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Summary

Full Stack Senior Software Engineer with expertise in designing and developing scalable software systems. Proven track record of delivering successful projects on time and within budget.

I am keen to enhance my working capacities, professional skills, business efficiency and to work with organization in best possible way with sheer determination and commitment capabilities and professional skills

Education

Bachelors In Information Management

Stxavier's College (CGPA 3.24)

📅 2009- 2013 📍 Kathmandu, Nepal

Skills

- .Net, MVC, Nextjs
- c#, Javascript
- React, Angular NGRX,
- MsSql, Postgres,
- React Native, Unity
- GIT, Teams,
- Azure dev kanban, Jira, Agile
- AWS,

Professional Experience

Software Engineer

Freelance

Projects:

📅 2024 - current 📍 Remote

❖ Admin Template Game System

This project involved building a dashboard for a web game, enhanced with interactive dialogues to deliver a unique and immersive player experience. The final product merged timeless casino gameplay with modern conversational interactivity and seamless web-based management tools.

Key Role:

- Developed and maintained a full-featured CMS admin dashboard using Next.js, React, and Tailwind CSS, enabling real-time content management and user analytics.
- Designed and implemented RESTful APIs and backend services using C# and .NET 9, including core systems for player authentication, data persistence, and real-time game interactions.
- Integrated Stripe payment processing for secure in-game transactions and subscription models.
- Collaborated closely with designers, artists, and other developers to ensure a cohesive and engaging game experience.
- Created intuitive and responsive UI/UX for both player interfaces and administrative tools.

Key Achievement:

- Rapidly adapted to the game engine's architecture and tooling, mastering scene management, dialogue systems, and asset integration.
- Streamlined server-side logic and frontend API integration, significantly improving system performance and reducing load times.
- Delivered a scalable, maintainable, and user-friendly admin platform that empowered non-technical stakeholders to manage game content and user engagement efficiently.

Sr Software Engineer

Whitehat Engineering

Projects:

📅 03-2022 - 12-2023 📍 Remote

❖ Food Cost Management system

This system is a comprehensive Restaurant Management System with features for Point of Sale (POS), Inventory, and Payroll Generation. The system aims to streamline operations, enhance customer experience, and improve staff efficiency.

Key Role:

- Converted the existing .net 2 mvc app to .net 6 and also involved in creating the new module in react.
- Converting the existing web services into rest api in nest JS.
- Involve in creating a separate new application written in Java and angular.
- Take responsibility for the given module, communicate with the PM for the requirements and coordinate with the team members to complete the task.
- Created architecture for the API in nest js.
- Worked in Jira and agile methodology and also involved in the code review process.

Key Achievement:

- Experience with EC2 servers, S3 buckets and also used Azure and GIT for CI/CD pipeline.
 - Successfully converted the project from old version of .net to the latest .net 6
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Sr Software Engineer Team Lead

USOME

Projects:

📅 2021 - 2022 📍 Remote

❖ Software for cargo logistics

This system is a freight forwarding service that connects suppliers and buyers through real-time status updates and financial settlement, enabling both parties to negotiate and agree on logistics execution with a verified track record.

Key Work:

- Coordinated with business analysts for the project requirements, creating the technical document.
- Communicated with cross-functional teams, including QA, UI/UX, and product management, to ensure smooth project execution.
- Implemented scrum, to enhance team's productivity and efficiency.
- Created architecture for the project and helped team members to resolve the task and also involved in the code review process.

Key Achievement:

- As a team lead, maintained the communication channel among the team members and to develop software for cargo logistics.
 - Implemented the Azure for kanban board and CI/CD pipeline for the smooth deployment process.
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Software Engineer

Freelance

Projects:

📅 2020 - 2021 📍 Remote

❖ Software for Multi Store System

This is a multi-store system with a centralized dashboard to track accounts and inventory, aiming to streamline operations and improve customer engagement. The solution includes a mobile application for consumers to enhance their shopping experience across multiple stores

Key Work:

- Created Dashboard in Angular to manage shops and their inventories
- Created mobile Apps in ReactNative for multi store shops.
- Implemented redux to handle the state management and sagas to handle the api calls.
- Design and develop the interactive interfaces such as user login, registration, cart, scrollable list, QRcode generation and read the data for QR scan.
- Worked in API which was written in to process the data from the mobile app.

Key Achievement:

- Added a new module to the existing .net MVC web application which was developed in angular 9 and incorporated as an iframe

- Worked in new technology, mobile app development in react native and .net core 2.0.
 - Enhanced the knowledge of state management and implemented the redux structure in mobile application and NGRX in Angular project
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Sr Software Engineer Team Lead

[Spiralogics International](#)

Projects:

📅 2016 - 2019 📍 Nepal

❖ GBcare Case Management System

This project is a medical assistance system for nurses and healthcare professionals, integrating with existing health insurance systems. The system's primary goal is to streamline claims processing, billing, and reimbursement while providing value-added services tailored to nursing staff needs.

Key Work:

- Worked as a Team lead, had to coordinate with business analysts for the requirement and create the task among the team members.
- Involved in helping the team members and reviewing their code in order to maintain the code structure.
- Converted the existing application to .net MVC with Domain Driven Design and implemented SSRS for reporting tools.
- The complex business logics were written stored procedures and views in the database in order to optimize the reporting system.
- Created web services to integrate the third party service in the system and APIs to expose our data to other applications.
- Conducted extensive testing and debugging to ensure system stability and accuracy of the data processing.
- Worked on support to handle the bugs after the system is being deployed.

Key Achievement:

- Lead a group of 5 developers in a project in .net MVC undertaking the SDLC of the whole project.
 - Had an experience with Web API, and SQL-BI for reporting (SSRS)
 - Implemented robust and scalable solutions to handle complex health data, workflows, and compliance requirements
 - Successfully delivered a comprehensive health case management system within a given time frame and received positive feedback from clients.
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Software Engineer

[Software Paradigms International](#)

Projects:

📅 01-2015 -12- 2015 📍 Nepal

❖ Loyalty Program for Macys

This System is an innovative platform designed to reward and engage loyal customers. This system aims to create a personalized experience for each customer, fostering long-term relationships and driving repeat business.

Key Role:

- Worked in design documents and technical documents.
- Created different unit test cases in NUnit.
- Worked in business layer and data conversion from DTOs and modules.
- Got the understanding of the two way binding javascript library, knockout js.
- Created various client side validation in javascript.

Key Achievement:

- Enhance my knowledge in software design pattern and architecture (Domain Driven Design)
 - Enhanced my web development skills
 - Worked on various documentation like design documents and technical documents.
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Associate Software Engineer

GreenApple Pvt, Ltd

Projects:

📅 03-2013 - 12-2014

📍 Nepal

❖ School Management System with Accounting System

This system is a WPF-based desktop application that provides an integrated platform for managing school operations, including financial management, inventory control, and student account tracking. It offers a comprehensive solution for schools to streamline their administrative tasks and improve overall efficiency.

Key Role:

- Collaborated with seniors to design and implement the software.
- Worked in a business layer for an accounting system which included financial reports with paginations
- Contributed to the development of an error handling mechanism to improve the stability.

Key Achievement:

- Started as an intern and promoted to associate software engineer.
- Learned the code structure, architecture in WPF and version control.
- Implemented a feature of data visualization, enhancing the usability of application.
- Contributed in a successful launch of the software.
- Enhance programming skills in C# .net

❖ Software for Co-operative financial institutions

This is a web-based cooperative software designed to manage client savings accounts, track transactions, and generate accurate financial reports including Trial Balance, Balance Sheets, and other key performance indicators

Key Role:

- Learned the web based structure in Asp Net with user controls and client side validations.
- Worked in SQL stored procedures and functions for report generations.
- Worked in log maintenance to handle the error and downtime of the project.

Key Achievement:

- Enhance web application development with interactive UI in ASP .Net MVC.
 - Optimize the performance by improving queries in the stored procedures.
 - Deployed the Web project with reporting system
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