

Suman Osti

Fullstack web developer



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📅 1999 May 15

♂ Male

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🎓 EDUCATION

Salem, VA,
United States

Master of Science in Information Technology, University of Fairfax

Lekhnath, Pokhara,
Nepal

Bachelor of Computer Information System, Pokhara University

💼 PROFESSIONAL EXPERIENCE

2024 November –
present
Winchester, VA,
United States

**American Woodmark Corporation,
Project Leader, System Design and Development** 🔗

- Led the design, development, and deployment of software solutions using .NET Core, Angular, VB.NET, and Salesforce.
- Managed end-to-end project lifecycle, from requirement gathering and system design to development and deployment.
- Developed and implemented robust system architectures to meet business and technical requirements.
- Utilized .NET Core to build high-performance backend services and RESTful APIs for various applications.
- Designed and developed frontend components using Angular to deliver dynamic, user-friendly interfaces.
- Integrated Salesforce CRM to streamline customer relationship management and enhance business processes.
- Led a team of developers, providing guidance on best practices and ensuring timely project delivery.
- Migrated legacy systems to modern frameworks, optimizing performance and maintainability.
- Implemented microservices architecture to enhance scalability, maintainability, and deployment efficiency.
- Collaborated with stakeholders to translate business needs into technical solutions, ensuring alignment with organizational goals.
- Conducted code reviews and implemented quality assurance practices to maintain code integrity and performance standards.
- Utilized VB.NET to maintain and enhance legacy systems, ensuring seamless integration with new technologies.
- Managed database design and implementation, optimizing queries and ensuring data integrity.
- Integrated various third-party APIs to expand system functionalities and improve user experience.

- Deployed applications to various environments, including development, UAT, and production, ensuring smooth rollouts and minimal downtime.
- Provided technical support and troubleshooting, resolving complex issues to maintain system reliability.
- Conducted training sessions and knowledge transfer for team members, fostering a culture of continuous learning and improvement.

2023 March –
2024 July
Kathmandu, Nepal

Inficare Private Limited, .Net Developer ✉

- Worked as a dedicated core developer in Gmoney trans remittance south korean company as inficare provides outsourcing facility.
- Developed Card system for depositing and withdrawing amount using gmoney's card.
- Integrated complex third party apis for sending money to various countries notably Universal Payment Transfer (UPT), Union Pay, Tenpay, Smart swift, Kasikorn bank, etc. to name a few.
- Developed multi language functionality for selected countries to the users.
- Developed a transportation SDK which will enable gmoney's user to pay for the transportation using gmoney's card and app.
- Collaborated with stakeholders to gather and analyze business requirements and translate them into technical solutions.
- Implemented Microservices architecture and provided a skeleton for various other projects to implement such architecture.
- Managed the software development lifecycle, including testing, deployment, and maintenance and led the projects in migrating legacy to recent codebase following the software development best practices.
- Building RestAPIs according to the requirements gathered.
- Designed, developed, and implemented APIs by using frontend tools and frameworks such as ReactJs and Angular as well as vanilla javascript.
- Integrating APIs provided by backend to frontend applications.
- Integrating various third party APIs to have seamless functionality between third party and native softwares.
- Design and implement database schemas, queries, and stored procedures using SQL.
- Adding database triggers, making database jobs in sql server.
- Making real time notification using signalR.
- Read operations are pushed to the NoSQL database mongoDB to load the data faster..
- Participate in code reviews to ensure code quality and adherence to best practices.
- Designed different custom dashboards for various user groups based on their business functionalities and needs.
- Testing in postman and writing scripts in postman to ensure smooth working of the APIs.
- Responsible for deployment to different environments such as User Access Testing (UAT) environment, Pre-production environment and Production environment.
- Deployment to windows server using Internet Information Services (IIS).
- Identify and resolve performance bottlenecks in applications and databases.
- Optimize application performance by writing efficient code and using appropriate algorithms and data structures.
- Caching done in both frontend and used Redis database for caching in the backend.

- Debug and resolve issues reported by users or identified during testing.
- Write unit tests, integration tests, and end-to-end tests to ensure the reliability of the application using xUnit..

2020 May –
2023 March
Lalitpur, Nepal

ZeroLogic Space Private Limited, Fullstack Web Developer

- Build several projects, building databases, APIs and designing frontend apps from scratch.
- Closely collaborating with the team to gather requirement according to the demand of the stakeholder
- Managed the software development lifecycle, including testing, deployment, and maintenance and led the projects in migrating legacy to recent codebase following the software development best practices.
- Building RestAPIs according to the requirements gathered.
- Designed, developed, and implemented APIs by using frontend tools and frameworks.
- Designing the frontend application as blueprint and design provided by the UI/UX designers.
- Integrating APIs provided by backend to frontend applications.
- Developed internal tools for task management that can be used by the project manager.
- Integrating various third party APIs to have seamless functionality between third party and native softwares.
- Design and implement database schemas, queries, and stored procedures using SQL.
- Making real time messaging and notification functionality using signalR.
- Dashboard authorization with Role Based Access system.
- Deployment to the cloud by containerizing the app.
- Responsible for maintaining CI/CD pipelines for the smooth deployment.
- CI/CD pipelines made using github actions.
- Optimized data loading with projection and optimizing database queries.
- Debug and resolve issues reported by users or identified during testing.
- Write unit tests, integration tests, and end-to-end tests to ensure the reliability of the application using xUnit..

2015 April –
2020 April
kathmandu, Nepal

Laskar foods and delivery service private limited, Fullstack Web Developer

- Development and design done according to the requirements of the stakeholders.
- Architecture planning for the application that can be scaled as per requirement and can handle traffic.
- Building RestAPIs according to the requirements gathered.
- Designed, developed, and implemented APIs by using frontend tools and frameworks such as ReactJs.
- Designing the frontend application as blueprint and design provided by the UI/UX designers.
- Integrating APIs provided by backend to frontend applications.
- Integrating various third party APIs to have seamless functionality between third party and native softwares.
- Design and implement database schemas, queries, and stored procedures using SQL.
- Participate in code reviews to ensure code quality and adherence to best practices.

- Designed different custom dashboards for various user groups based on their business functionalities and needs.
- Containerizing the application using docker and deploying it to the local cloud service provider.
- Identify and resolve performance bottlenecks in applications and databases.
- Participating in the performance optimization of the application in the different layers of application with other developers and tech teams.
- Closely collaborated with other teams such as QA, DevOps ensuring the requirements have been met that are demanded by the stakeholders.
- Optimize application performance by writing efficient code and using appropriate algorithms and data structures.
- Responsible for writing unit tests and integration tests.
- Debug and resolve issues reported by users or identified during testing.
- Write unit tests, integration tests, and end-to-end tests to ensure the reliability of the application using xUnit..

CERTIFICATES

E-commerce app with .Net and Angular

- Udemy

Web Development Bootcamp (MERN stack)

- Udemy

Dating App with realtime chat built with .Net and Angular

- Udemy

E-commerce with .Net, React and Redux


- Udemy

SKILLS

Programming Languages

- C#
- JavaScript/TypeScript
- HTML5/CSS3
- SQL

Frameworks & Libraries

- .NET Core / ASP.NET 
- Angular
- ReactJS
- NextJS
- NestJS
- ExpressJS
- Entity Framework Core
- LINQ
- jQuery

Back-End Development

- Web API / RESTful Services
- MVC Architecture
- Microservices Architecture
- Clean Architecture
- Authentication & Authorization (JWT, OAuth2)

Version Control

- Git / GitHub / GitLab
- Continuous Integration/Continuous Deployment (CI/CD)
- Azure DevOps

Testing

- Unit Testing (xUnit, NUnit)
- Integration Testing
- Test-Driven Development (TDD)
- Mocking Frameworks (Moq)

Other Skills

- Agile/Scrum Methodologies
- Code Reviews / Pair Programming
- Problem Solving and Debugging
- Cross-Platform Development
- API Design and Documentation

Interpersonal skill

- Communication skill
- Emotional intelligence
- Team working capabilities
- Negotiation, persuasion and influencing skills
- Conflict resolution and mediation
- Problem solving and decision-making

Front-End Development

- Responsive Web Design
- Bootstrap / Material UI
- SASS/SCSS
- RESTful API Integration
- Component-Driven Architecture

Database Management

- SQL Server
- PostgreSQL
- MongoDB
- Redis
- TypeORM
- Prisma
- Entity Framework
- LINQ
- Database Design and Normalization

Cloud & DevOps

- Azure Services (App Services, SQL Database, etc.)
- Docker
- Kubernetes
- AWS
- CI/CD Pipelines
- Ingress
- Nginx
- Microsoft YARP (Yet Another Reverse Proxy)

Tools & IDEs

- Visual Studio / Visual Studio Code
- Postman / Swagger / SoapUI
- SQL Server Management Studio (SSMS)
- JIRA

PROJECTS

Gmoneytrans remittance

As inficare provides outsourcing facility I have had the privilege of working for one of the best remittance company of South Korea as a backend developer. All of time in inficare I worked for the Gmoneytrans remittance project.

Guff Gaff

In this app user can register and login. Like or follow the user that they like and chat in realtime. This app is built using .Net and Angular and deployed by making a docker image in fly.io. It uses postgresSQL as backend. The assets are uploaded using cloudinary which helps in storing the images and other digital assets.

Events Nepal

In this app user can register and login. User can create, cancel, update, delete the event that they have created. Other users can join or cancel their participation from the event. User can upload image in their profile section. User can follow and unfollow other users. They can comment in the event and it will display in real time. This is built using .Net, React and MobX. It is deployed by making a docker image in fly.io cloud service provider. It uses postgresSQL as a database. And the assets are uploaded using cloudinary which helps in storing the images and other digital assets.

Speak Easy

Speak easy is a app intended to provide a platform mock test for the students who want to practise for their IELTS exam. They can answer to the available question. They can record their speaking answer and upload them. In this app I built the backend which consists the functionality to login, register, upload assets like pdf, images, audio, etc., upload question, upload answer to the question and feedback will be provided by the examiner for the answer of the student to help attain desirable marks.

DECLARATION

"I hereby declare that the above information is true and correct to the best of my knowledge and belief."



Suman Osti