**Uttam Dhungana**

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# Professional Summary

Experienced software engineer with 7+ years specializing in Fintech and Logistics domains. Proficient in .NET, Node.js, SQL Server, MySQL, and PostgreSQL. Expertise in applying SOLID principles and design patterns for robust code. Skilled in microservices, CQRS, cloud services, Docker, CI/CD, and Agile/Scrum. Adept in Git and SVN for version control. Strong problem-solving using data structures and algorithms. Seeking opportunities to contribute my skills to innovative projects.

# Skills & Abilities

**Operating System:** *Windows, Linux*

**Languages:** *C#, JavaScript, HTML5, SQL, PHP, TypeScript*

**Database:** *MSSQL, PostgreSQL, MySQL, MongoDB and Oracle*

**Related Skills:**  *ASP.NET, .NET Core, Node.js, Blazor, Vue.js, HTTP, Restful API, gRPC, Webhook, Caching (Redis), Queuing (RabbitMQ), ELK (Elasticsearch, Logstash, and Kibana), Microservice Architecture, Distributed System, Docker, CI/CD, Jenkins, Kubernetes, Git, Github, Gitlab,and SVN, Cloud Services, AWS, Azure, Unit/Functional/Integration/Load Testing, Scrum, Agile project management tool (Jira)*

# Professional Experience

[***F1Soft International***](https://f1soft.com/) ***| Senior Software Engineer (Team Lead)***  *June 2022 to Apr 2023*

* Designed and developed a high-performing remittance system using .NET Core and Entity Framework, ensuring smooth transaction processing and maintaining data integrity
* Collaborated with stakeholders to align business requirements with technical solutions, resulting in successful project delivery
* Implemented efficient CI/CD practices with the DevOps team, automating deployment and accelerating release cycles
* Mentored team members to foster a collaborative work environment and ensure successful completion of projects
* Architected a scalable microservice-based architecture and optimized database infrastructure, resulting in improved system performance

[***Upaya***](https://upaya.com.np/) ***| Senior Software Engineer (Consultant/Contract)*** *January 2022 to May 2022*

* Enhanced system security through the implementation of oAuth2.0 and robust database security measures, while optimizing API design and seamlessly integrating third-party services, resulting in a significant 20% improvement in overall system performance
* Collaborated closely with stakeholders in transportation projects, attending meetings to gather business requirements and ensure alignment with project goals
* Developed a transport application using Node.js, Express, Prisma (ORM), and PostgreSQL, delivering a reliable and user-friendly solution

[***Swift Technology***](https://www.swifttech.com.np/) ***| Senior Software Engineer (Team Lead)***  *July 2019 to May 2022*

* Established the software development environment using Node.js and React, leading the team in creating an internet banking system with seamless migration of 3 million customers from the legacy system
* Architected a microservice framework and database for optimal performance and scalability that followed Open API Specification version 3.1 and documented all modules and third-party APIs
* Implemented secure communication between third-parties using cryptography to ensure data privacy and security
* Practiced agile methodologies to deliver the project on time by assisting in-scope definition, sprint planning, and task distribution

[***Swift Technology***](https://www.swifttech.com.np/) ***| Mid Software Engineer*** *November 2016 to June 2019*

* Developed innovative software solutions using .NET, SQL Server, PHP, and MySQL
* Upgraded legacy modules in Visual C# Webform system using ASP .NET Core for improved efficiency
* Created scalable code and reusable components for enhanced performance
* Crafted intuitive user interfaces (UI) and implemented APIs to optimize user experience
* Proficient in both server-side (ASP .NET) and client-side (JavaScript and jQuery) languages

[***Naxa***](https://naxa.com.np/) ***| Junior Software Engineer*** *July 2015 to April 2016*

* Demonstrated strong coding proficiency and adhered to industry best practices, resulting in an efficient and maintainable codebase
* Improved database performance by elevating SQL proficiency and implementing effective relational database techniques
* Successfully gathered and analyzed system requirements, ensuring accurate software development and timely delivery of projects
* Collaborated with senior developers to deliver valuable contributions to project modules
* Facilitated seamless data management by mastering CRUD operations and APIs
* Effectively managed version control through expertise in code versioning tools, enabling streamlined collaboration

**Major Projects**

1. ***Fone Remit*** *(*<https://f1soft.com/business/remittance>*)*

*Description*: FoneRemit is a mobile-based remittance platform for sending and receiving money globally

*Technology*: .NET Core, Entity Framework, SQL Server, Microservices, Git, Redis, RabbitMQ, ELK, Docker, Jenkins, Kubernetes, Rancher, ArgoCD

1. ***Global Smart Plus*** *(*[*https://globalonline.gibl.com.np*](https://globalonline.gibl.com.np)*)*

*Description*: An Omni channel end-to-end banking system for Global IME Bank Ltd with 295+ branches.

*Technology*: Node.js, React.js, MySQL, gRPC, Microservices, Git, Redis, RabbitMQ, ELK, Docker, Jenkins, Kubernetes

1. ***Upaya Transport*** *(*[*https://upaya.com.np/service/upaya-transport*](https://upaya.com.np/service/upaya-transport)*)*

*Description*: An innovative tech platform that delivers quality logistics solutions with a commitment to transform the way things move in Nepal.

*Technology*: Node.js, Express, Prisma ORM, React.js, *PostgreSQL*, GitHub, AWS

1. ***IME Pay Wallet (UKaid Saksham Access to Finance)*** *(*[*https://www.imepay.com.np*](https://www.imepay.com.np)*)*

*Description*: A leading payment gateway in Nepal and an advanced digital wallet in Nepal.

*Technology*: ASP.NET, Web API, .NET Core, SQL Server, jQuery, SVN

1. ***AEON Wallet Cambodia*** *(*[*https://aeon.com.kh/product/aeon-wallet-cambodia*](https://aeon.com.kh/product/aeon-wallet-cambodia)*)*

*Description*: AEON Wallet is a payment wallet introduced by AEON Specialized Bank (Cambodia).

*Technology*: ASP.NET, Web API, ASP.NET Core, SQL Server, jQuery, Git

1. ***IME Remit*** *(*[*https://imeremit.com.np*](https://imeremit.com.np)*)*

*Description*: IME Remit is the pioneer company provides remittance services from more than 200 countries and networks spanned over 1 million locations around the world

*Technology*: ASP.NET, .NET Core, SQL Server, jQuery, SVN

# Education

*Executive Master of Business Administration (EMBA)* Present

Purbanchal University, Kathmandu

*B.Sc. in Computer Science and Information Technology (B.Sc.CSIT)* 2012 - 2016

Tribhuvan University, Kathmandu

# Certifications

* [Advanced Web APIs with ASP.NETCore in .NET 6](https://www.linkedin.com/learning/certificates/115b2413c85b76b6af4096afe48c0b02a73d74b8352098878b3a7ea6951ee3a6)
* [Software Architecture: Patterns for Developers](https://www.linkedin.com/learning/certificates/89840751e81ba0aba03cef9f17e344c5d1c3415320f0c01e4db0be4f47b4d097)
* [Azure Microservices with .NET Core for Developers](https://www.linkedin.com/learning/certificates/b7b15392a058230b97dca159453890ce15ffff267776492368ca9a84935c9ab3)
* [Using Docker and .NET Core](https://www.linkedin.com/learning/certificates/4b2423a2a0c1be032d977ed8682e6ff025acc94c4bbb1db78652ec9f566bc1cb)
* [Deploying Your AWS Application to the Cloud with Docker](https://www.linkedin.com/learning/certificates/027ca3188407bb3dfcec80370799cba081149e53c32e658a62486944aa01c439)
* [JavaScript Algorithms and Data Structures](https://freecodecamp.org/certification/uttamraz/javascript-algorithms-and-data-structures)
* [Learning Vue.js](https://www.linkedin.com/learning/certificates/52ca5cf0366ebdbb33fda012bce6a8aa139ff8129824ddcdc6ef8ced9e6e1428)
* [IBM PY0101EN: Python 101 for Data Science](https://courses.cognitiveclass.ai/certificates/3b383cd1da084ef9b042b01cd6cd2034)
* [IBM DS0101EN: Data Science 101](https://courses.cognitiveclass.ai/certificates/42a975485d6d47fcb3acc6c82ceb5c32)

**More about me**

**My biggest achievement is...**

Led the tech team in launching Global Smart Plus banking application and seamlessly migrated 3 million customers from the legacy system.

**Languages spoken**

English, Nepali, Hindi

**I want to work for a company that...**

encourages creativity, collaboration, and personal

growth. A company making a positive impact in the world

**Interests & Hobbies**

Sports (Futsal, Chess, Swimming), Hiking, Trekking with friends