

Uttam Dhungana

Sunkoshi-1, Sindhupalchok, Nepal

beuttam@gmail.com

+977-9849821408

<https://www.linkedin.com/in/uttamraz>

Professional Summary

6+ years of demonstrated experience in the complete product development lifecycle of successfully launched web applications with a solid background in a wide range of Node.js, .NET, and PHP development aspects in a business application context.

Skills & Abilities

- Proficient in *SQL Server, MySQL, and PostgreSQL*
- *Node.js, Typescript, Express*
- *C#, ASP.NET, .NET Core*
- *PHP, Laravel, CodeIgniter*
- *HTTP, Restful API, gRPC, Webhook*
- Familiar with *MongoDB and Oracle*
- *Caching (Redis), Queuing (RabbitMQ)*
- Logging using *ELK (Elasticsearch, Logstash, and Kibana)*
- Familiar with *Micro Service Architecture*
- Knowledge of *docker, CI/CD, and Jenkins*
- Version control systems: *GIT, and SVN*
- Familiar with *Scrum, Agile project management tool (Jira)*
- Familiar with Cloud Services like *AWS, Huawei Cloud*
- *Writing Unit Test*

Professional Experience

Senior Software Engineer (Team Lead) | Swift Technology

July 2019 to Present

- Played the main role to create the software development environment using new technologies like Node.js and React for the internet banking system.
- Analyzed the existing internet banking system with the stakeholders, and contributed to business requirements document
- Built from scratch and maintained internet banking application that scaled to 2M users
- Designed the micro-service architecture and database for the system
- Follow the Open API specification and developed the modules and third-party APIs
- Developed the secure communication between third-parties using cryptography
- Implement the CI/CD with the help of DevOps team and automate the deployment process
- Attend meetings with stakeholders to gather the business requirements and third parties for tech support

- Contributed to building and expanding the team members by hiring junior, mid-level, and senior developers
- Focused on back-end development, providing mentorship to team members and interns
- Practice agile development methodologies and assist in-scope definition, sprint planning, and task distribution

Senior Software Engineer (Consultant) / Upaya City Cargo

January 2022 to May 2022

- Contributed on improving the existing system security, API design and third-party integration.
- Contributed to building and expanding the team members by hiring junior, mid-level, and senior developers.
- Designed and implemented software development and CI/CD process.
- Attend meetings with stakeholders to gather the business requirements for the transport project.
- Designed and developed an application for transport using Node.js, Express, Prisma (ORM), and PostgreSQL.

Software Engineer / Swift Technology

November 2016 to June 2019

- Worked on different technologies like .NET, SQL Server, PHP, MySQL.
- Understand, gathered, and analyzed the requirements
- Update the legacy system developed in Visual C# Webform by ASP .NET Core
- Wrote the scalable code, reusable components and utility helpers
- Developed the APIs and implement the user interfaces (UI)
- Worked on both server-side and client-side languages like ASP .NET, JavaScript and jQuery

Junior Software Engineer / Naxa

July 2015 to April 2016

- Focused on learning programming language and the best coding practices
- Developed the skill in relational databases and improve the SQL
- Understand, gathered, and analyzed the requirements
- Worked with senior developers and contributes on small modules
- Developed the CRUD operations and APIs
- Learned the use of code versioning tools

Working Projects

1. Fast Banking Solution

Description: An Omni channel end-to-end banking system for Global IME Bank Ltd.

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

Responsibilities:

- Analyzed the existing Banking System with the stakeholders, and contributed to business requirements documentation
- Designed the microservice architecture and database for the system
- Assess NRB regulatory framework to develop the system that included transaction and customer data as per the guidelines

- Integration of core banking system with fast banking system
- Integrations with third-party parties using REST/SOAP/GRPC for various utility payments like mobile top-up, insurance payment, school fee payments, tv payments, electricity payments
- Development and integration of EMV QR service
- Sprint planning and task distribution.
- Provide mentoring services to junior developers as needed
- Deployed system for one of the leading commercial banks (Global IME Bank) and cooperative (IME Cooperative) in Nepal and migrate old application customer to the new one.

2. *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

Responsibilities:

- Contributed to building and expanding the team members by hiring junior, mid-level, and senior developers.
- Designed and implemented software development and CI/CD process.
- Attend meetings with stakeholders to gather the business requirements for transport project.

3. *IME Pay Wallet (UKaid Saksham Access to Finance program)*

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

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

Responsibilities:

- Integration of multiple modules and third-party APIs
- Quality support and assistance to a new employee in the existing project
- Modified existing programs as per the growing demands and needs of clients/management

4. *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

Responsibilities:

- Learned wallet system and its structure
- Helped team in backend development work
- Contributed to various important modules i.e., Merchant Exchange Rate, Black list user module

5. *IME Remit*

Description: IME Remit is the pioneer company in the business of remittance solutions providers in Nepal.

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

Responsibilities:

- Understood the remittance system and its database structure

- Upgraded the reusable components, libraries and stored procedures
- Used SOAP UI and integration of SOAP APIs

6. *Mobile Krishi (An Agritech Innovation for Smallholders)*

Description: An Agri-based application that allows farmers to access a mobile wallet along with other services such as a virtual marketplace with financial services (credit, saving and insurance).

Technology: ASP.NET, SQL Server, jQuery, Git

Responsibilities:

- Understood, gathered, and analyzed the requirements
- Designed the database and developed the backend platform for admin users
- Developed the APIs for Mobile Application

Education

Executive Master of Business Administration (EMBA) 2019 – Present
Kathmandu Don Bosco College, Purbanchal University, Kathmandu

B.Sc. in Computer Science and Information Technology (B.Sc.CSIT) 2012 - 2016
Amrit Campus, Tribhuvan University, Kathmandu

Training and Certificate

Advance PHP Training Certificate 2015
IT Training Nepal, Kathmandu

References

Ajang Bhandari

Designation: Project Coordinator

Organization: Swift Technology

LinkedIn: <https://www.linkedin.com/in/ajang-bhandari/>

Binup Shrestha

Designation: Project Owner

Organization: Swift Technology

LinkedIn: <https://www.linkedin.com/in/binup-shrestha-98978466>