

BIGYA TULADHAR

Senior FullStack Developer | Cloud Technologies | User Experience | Team Leadership

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SUMMARY

Dynamic and skilled Senior FullStack Developer with extensive experience in cloud technologies and full software development life cycle. Passionate about delivering high-quality, innovative solutions that enhance user experiences and drive efficiency. Proven track record in optimizing complex systems and streamlining processes, all while fostering team collaboration. Eager to contribute technical expertise and a problem-solving mindset to a forward-thinking team dedicated to impactful product development.

EXPERIENCE

Senior FullStack Cloud Developer

Nova Dynamic Media

02/2022 - Present HongKong

A virtual event company known for live event production, live & on-demand webcasting, audience engagement solution and on-site content management.

- Improved video streaming quality by converting 1000+ video files to HLS using AWS Media Convert.
- Enhanced database scalability by integrating DynamoDB with monolithic and microservices for Nova System applications.
- Implemented IVS real-time streaming with ultra-low latency (0.3 ms), enabling precise live interaction and enhancing video quality for an improved streaming experience.
- Enhanced client interaction features for 50+ live events, including surveys, slideshow, poll, quiz and Q&A.
- Launched E-learning platform delivering courses with certificates and tests.
- Track live event stat with the help of IoT core and Redis.
- Developed several customized webpages using our nova's own web builder using jQuery and vue for 30+ clients.
- Automated setup of client domains through Nova system.
- Enhanced dynamic language localization for client websites as per the event viewers language requirement.

Senior FullStack developer/ Web Team Lead

Swivt Technologies

01/2022 - 12/2023 Lalitpur, Nepal

IT company delivering products and solutions spanning various industries

- Developed a custom CMS to streamline webpage updates across multiple services, including Online School and multiple e-commerce platforms, significantly enhancing operational efficiency and content management.
- Enabled 100% increase in bookings by implementing an online booking system for multiple services such as Online Gym.
- Boosted transaction security and processing by integrating Stripe as a payment system.
- Hosted over 5 + client websites using Cloudflare and GoDaddy services.
- Enhanced team performance by coordinating Jira and Trello setup with the project manager.
- Led a team of 5-8 developers to complete 5+ projects.

SKILLS

Javascript

Php

NodeJs

TypeScript

VueJs

ReactJs

JQuery

AWS

DynamoDb

Serverless

IVS

Redis

MongoDb

MySql

PostgreSQL

IoT Core

IndexedDb

Jenkins

Heroku

Cloud Formation

Cordova

KEY ACHIEVEMENTS



Enhanced Media Streaming

Improved video quality for 1000+ videos using AWS.



Enhance Live-Streaming

Implementing IVS technology to enhance real time and low latency streaming



Real-Time Event Control

Using IoT core to control event flow and interaction in real Time



Team Performance Optimization

Boosted team efficiency by through project management tools.



Tailored Accounting and Customer Relation System

Enhanced service efficiency by developing a CRM system to track customer interactions and feedback, integrated with an accounting system for seamless service management.



Efficient Data Query System

Reduced query time to 0.7 secs for large datasets.

EXPERIENCE

Full Stack Developer

Upaya Bussiness Solutions

📅 12/2018 - 01/2022 📍 Kathmandu, Nepal

Online marketplace for end-to-end business services, including registration, compliance, and financial support for individuals and organizations

- Improved accounting efficiency for 5 departments by creating tailored systems with accounts and customer relation teams.
- Enhanced client relationship management for clients by developing a customer relation system.
- Increased reporting efficiency by automating daily, weekly, and monthly finance and visit summaries.
- Developed a frontend search system that can query 1 million data in 0.3-0.7 secs using indexedDB
- Developed 5 Hybrid apps using Cordova.

Full Stack Developer

Upaya

📅 06/2018 - 02/2019 📍 Kathmandu, Nepal

Tech-driven logistics provider offering comprehensive intra-city and inter-city delivery services across Nepal.

- Worked with 5 member team to develop end to end logistics management system.
- Boosted customer satisfaction by implementing real-time shipment tracking with live GPS feed, enabling customers to monitor deliveries in real time.
- Increased order processing efficiency by setting up a centralized customer service portal.
- Created a dynamic pricing algorithm based on route length, vehicle type and traffic.

EDUCATION

BACHELOR'S DEGREE IN INFORMATION MANAGEMENT

Tribhuvan University

📅 2014 - 2018

STRENGTHS



Cloud technology expertise

Expert in cloud technologies and optimizing software systems.



Growth Focused

Eager to learn and advance my skill set with various technologies,



Team leadership skills

Successfully led diverse teams to achieve complex project goals.



User experience enhancement

Proven ability to enhance user interaction and experience.



Innovative problem-solving

Dedicated to creating efficient, innovative solutions for clients.

PROJECTS

Nova Dynamic Media

Reference: <https://novaweblive.com/>

Upaya

Reference : <https://upaya.com.np/>

Crystal Academy

Reference: <https://crystalacademy.org/>

WorkItPT

Reference: <https://workitpt.goswivt.com/>

Upaya Bussiness Solution

Reference: <https://ubs.com.np/>