



ZATIL STHRESTHA

Software Developer

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Summary

Dedicated and hardworking Senior Software Engineer with over 6 years of experience, specializing in PHP, Java, JavaScript, and various frontend and backend technologies. Expert in designing, implementing, and maintaining scalable web applications to achieve business objectives. Proficient in full-stack development with a strong emphasis on delivering high-quality, user-centric solutions. Demonstrates a strong focus on software development, programming, and design, with a quick-learning attitude and a commitment to delivering high-quality solutions across diverse projects and clients.

Skills

PHP(Laravel/Synfony)

Python | PyDeeque

VueJS/ReactJS

JavaScript/jQuery

Git | Jira

Wordpress

MySQL

Html | CSS | Bootstrap

Figma | Adobe Photoshop

Power BI

Docker

Jenkins

Work Experience

Deerhold, Sifal

May 2022-Present

Software Engineer

Qure4U - PHP Software Developer/Nepal Team lead

Qure4U is a leading digital health platform providing patient engagement solutions like appointment scheduling, remote check-ins, and digital communication tools.

Role & Responsibilities:

- **Developing Proxy APIs:** Designed and implemented proxy APIs to facilitate communication between the frontend and microservices.

- **Request Validation & Parsing:** Validated incoming requests, parsed data, and ensured smooth transmission to Microsoft services.
- **Appointment Management:** Built and maintained services for appointment scheduling, handling settings, and processing appointment events.
- **Unit Testing & Event Handling:** Developed and executed unit tests to ensure the reliability of appointment event handling mechanisms.
- **Database Migrations & Enhancements:** Updated database schemas, implemented migrations, and improved existing features for better performance and scalability.
- **Bug Fixes & QA Collaboration:** Worked closely with the QA team to identify and resolve reported issues, ensuring a seamless user experience.

Clarify Health - Software Developer

Clarify Health is a leading US-based healthcare data and analytics platform, enabling data-driven insights for better healthcare decision-making.

Role & Responsibilities:

- **Web Scraping & Data Integration:** Utilized advanced techniques to extract and compile healthcare data from diverse sources.
- **Data Validation & Quality Assurance:** Implemented PyDeequ for automated data quality checks, ensuring accuracy and consistency.
- **Collaboration with Data Teams:** Worked closely with data scientists to tailor data extraction and validation processes.
- **Optimized Data Pipelines:** Enhanced efficiency in handling large-scale healthcare data, reducing processing times.
- **Feature Development & Code Reviews:** Contributed to scalable feature design, conducted code reviews, and mentored junior developers.

TAO Connect - Full-Stack Developer/Team Lead

TAO Connect is a mental healthcare solution available in the USA, Canada, and France, offering digital tools for therapy, self-help, and progress tracking.

Role & Responsibilities

- **Vimeo Integration:** Developed and managed video-based therapy sessions with progress tracking.

- **Survey Implementation:** Designed and implemented survey features for user engagement.
- **Multi-Institution Support:** Built and optimized features for multiple institutions.
- **Feature Development:** Developed scalable solutions to enhance user experience.
- **Team Leadership:** Led a development team, conducted code reviews, and provided mentorship.
- **User De-identification:** Implemented user de-identification feature for deactivating users.

Gloktchn - Full-Stack Developer/Team Lead

New York-based food ordering platform

Role & Responsibilities

- Led development of a **scheduled food ordering web app**.
- Integrated **FedEx for deliveries** and **Stripe for payments**.
- Implemented **discount coupons** and a **subscription-based model**.
- Developed **cron jobs** for automated order processing and payments.
- Managed a **team of developers**, conducted code reviews, and optimized performance.
- **Bug Fixes & Enhancements** – Identified and resolved issues to improve system stability

Astra Technology Pvt. Ltd.

April 2023-Feb 2025

Freelanceing

ShriGo - Full-Stack Developer/Team Lead

ShriGo is a no-code website builder that allows users to create **informative, business, and e-commerce websites** effortlessly. It provides dynamic subdomains, custom domain mapping, and design import capabilities, enabling users to fully customize their sites without coding skills.

Role & Responsibilities

- **Led the development** of the entire platform, from architecture to deployment.
- **Built a no-code website builder** using Laravel, Vite, Bootstrap, jQuery, and MySQL.
- **Developed a dynamic subdomain system** for each website with custom domain mapping.
- **Implemented a design & template import feature** for seamless customization.
- **Integrated Khalti payment gateway** for secure online transactions on e-commerce websites.

- **Optimized performance & security** for scalable multi-tenant website hosting.
- **Managed a team**, conducted code reviews, and ensured best development practices.

KVWSMB - Full-Stack Developer

Kathmandu Valley Water Supply Management Board (KVWSMB), government project.

Role & Responsibilities

- **Developed a role-based CMS** to manage all website content.
- **Built a web application** allowing users to upload and manage events, notices, and documents.
- **Implemented access control** to ensure proper role-based content management.
- **Optimized website performance & security** for a government platform.
- **Led the entire development process**, from database design to frontend implementation.

Class Mark - Full-Stack Developer/Team Lead

Class Mark is a web application designed for educational institutions to digitally manage records, including student and employee attendance, internal assessments, assignments, payroll, and course materials.

Role & Responsibilities

- **Developed a comprehensive web application** for educational institutions to manage records digitally.
- **Implemented student & employee attendance tracking** with real-time monitoring.
- **Built student performance management features**, including internal tests, exams, and grading.
- **Developed an online assignment system** with course material uploads.
- **Created an employee payroll system** with automated salary calculations based on attendance and leave requests.
- **Integrated role-based access control** to manage permissions across staff and students.
- **Optimized system performance & security** to handle institutional data effectively.

Milton Int'l College, New Baneshwor

April 2023-Present

Programming Tutor

- Working as a part-time tutor and teaching c programming, web technology and database management system to BCA 2nd, 3rd and 4th semester students and also basics of Git and Wordpress.

Kathford College, Balkumari

Oct. 2024-March 2025

Programming Tutor

- Worked as a part-time tutor and taught Computer Applications and Database Management System to BBA and BHM students.

CAB College, Chabahil

October 2022-March 2023

Programming Tutor

- Worked as a part-time tutor to taught EPC (Extra Programming Course) to CSIT 1st and 3rd semester students, which includes web designing with html, css and javascript, creating a simple web app to make CRUD operation using PHP and basics of Git

Unlimited Technology, New Road

July 2018-April 2022

Software Developer

- Developed a **global whitelabel remittance** solution called **Z-WARE**, which can generate remittance from any country using 7 different cards as well as bank transfer(ACH Pull) from the **USA** and can payout to **NEPAL** and **INDIA**. Currently this solution is used by **Lalit Money Transfer, Muncha Money Transfer, Unlimited Remit, Machhapuchhre Remit, Easy Link etc.** I have integrated **Plaid** (To link US Banks), **SILA**(US ACH Pull and KYC), **Checkout**(For Card Payment and ACH Pull), **Paytop**(For EU and UK), **NPS**(For Nepal Payout) , **Muthoot**(For India Payout) and **SumSub**(For E-KYC) using Laravel,

MySQL and Vue.js (Design, Backend, Frontend)

- Built a dashboard and apis for **Cash for Work UNDP Indonesia** using Laravel (Design, Backend, Frontend). This is a system to take attendance of workers through a mobile app by facilitators from a particular working site which is an offline feature and dashboard collects all the information of workers & facilitators and shows all the required graphical representation of data, generates reports including payments and due, although payout is manual process as many workers didn't have their bank account.
- Developed admin/user dashboard using Laravel for own company to generate employee's salary statements with the calculation of tax, PF and gratuity, and also leaves based on attendance (Design, Backend, Frontend)
- Build a WordPress site for **Hilton Conference 2019**
- Integrated frontend using Thymeleaf and jQuery for **Eventus**, event management system of USA (Design, Frontend)
- Developed admin dashboard and APIs for mobile app **Debris Management System** for **UNDP Indonesia** using Laravel (Backend, Frontend)
- Developed a **Japanese job portal** site using Laravel (Backend, Frontend)

Softyca Incorporation

March 2019 - June 2019

Software Developer (Freelancer)

- Build a web app using Laravel and jQuery, which was a **Japanese Men's Salon**, where user can have reservations and chat with client (Design, Backend, Frontend)

Dev Group D.G. Engg. Consultancy

Nov 2020 - Jan 2021

Software Developer (Freelancer)

- Developed a admin dashboard and APIs for mobile app using Laravel, for **Samsi Gaupalika**, Mahottari (Design, Backend, Frontend)

Busy Bee Softwares, Kathmandu

Aug 2019 - Feb 2021

Frontend Developer (Freelancer)

- Integrated **Firestore** and **OAuth** in **Swoogo** for **Google data cloud summit 2024** event.
- Worked as a frontend developer for **ServiceNow**. It's a US based event management system. (ReactJS)
- Worked as a frontend developer for **Bingo** game using jQuery and web socket (Design, Frontend)
- Build a JS plugin for a **live chat**. A user can chat with all attendees of same event, and also groups chat, integrated on **Swoogo** (Design, Frontend)
- Worked as a frontend developer for a web app **Certification**, where users can get certificates on particular Topic, based on his/her progress on watching videos and attending the sessions, integrated **Wistia & Vimeo** for on-demand videos and **Zoom** for live sessions.
- Build a WordPress site for [Alamitos Associates](#), a real estate company of USA
- Frontend integration using Thymeleaf and jQuery for scheduling meetings for **Takeda**, a pharmaceutical company of USA

SunBi Design Studio, New Baneshwor

Internship

March 2018 - June 2018

- Developed a web app and APIs for online book stores using laravel, bootstrap and jQuery.

Projects

Qure4u(Symfony) <https://www.quire4u.com>

Clarify Health(Python) <https://clarifyhealth.com>

TAO Connect <https://taoconnect.org>

ShriGo (Laravel) <https://shrigo.com>

Muncha Money, Lalit Money Transfer,

Machhapuchhre Remit (Laravel, VueJS)

<https://unlimitedremit.com>

<https://lalitmoney.com>

Gloktchn <https://gloktchn.com>

Job Matching Site (Laravel, jQuery)

UNDP Debris Management System

(Laravel, PowerBI, jQuery)

EventUS (Thymeleaf, jQuery)

Alamitos Associates (Wordpress)

<https://www.alamitosassociates.com>

Certifications (Thymeleaf, jQuery)

ServiceNow <https://servicenow.com>

Bingo Game (Web Shocket, jQuery)

<https://busybeessoftwares.com/bingo/game?playerId=578757&fullName=Zatil&eventId=9876>

Certification (Thymeleaf, jQuery, Vimeo, Wistia, Zoom)

Samsi Gaupalika (Laravel, jQuery)

Hilton Conference 2019 (Wordpress)

UNDP Cash for Work (Laravel, jQuery)

Takeda Events (Thymeleaf, jQuery)

Live Chat Plugin (Web Shocket, jQuery)

FHL (Wordpress) <https://fhl.com.np>

KVWSMB (Laravel) <https://kvwsmb.gov.np>

Class Mark (Laravel)

Education

MBS (Masters of Business Studies), GP Memorial College (Affiliated to TU) 2023-Present

Bachelor's Degree BIM (Bachelor of Information Management), Thames International College (Affiliated to TU) 2014-2018