

Sulabh Nepal

Backend Engineer

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Bangalore, Karnataka, India, 560068

+91-7206775087, +977-9867788348

esulabh119@gmail.com

<https://sulabh.info.np>

Skills

Backend: PHP/Laravel/CodeIgnitor, NodeJS, Python, Rust, C/C++

Databases: mySQL, PostgreSQL, IBM db2, MongoDB, DynamoDB, Redis

Frontend: JavaScript/jQuery/ReactJs, Bootstrap, CSS

API: Rest/HTTP, WebSocket, gRPC

Cloud: AWS, IBM Cloud

Blockchain: Solidity, Smart Contracts, Hardhat, Web3.JS, Web3.PY

Project Management, Linux, Data Engineering, Web Scraping, AI Prompting

Experience

Genesis Web Tech / Senior Laravel Developer

DEC 2024 - Present, Kathmandu, Nepal

Responsible for developing and maintaining client projects while leading the development of company products.

Codegama LLP / Backend Engineer

JAN 2024 - NOV 2024, Bangalore, India

Responsible for designing, building and leading complex systems for analytics and management of payment Gateway along with helper tools for efficient data processing

Optimized Data Export by over 85% speed and 50% Memory Usage

Increased overall site performance by 30% by query and network optimization

Led in overall development of Crypto Exchange Platform while doing backend development

Anbrain Technology / Software Engineer

MAR 2023 - AUG 2023, Bhubaneswar, India

Responsible for developing projects as per client's requirement, maintaining old projects and mentoring an Intern

Freelance (UNIIT Pvt. Ltd.) / Web Developer

APR 2018 - MAR 2023 Tilottama Nepal

Responsible for handling client meetings, understanding the requirements and developing websites.

Education

Kalinga Institute of Industrial Technologies / B.Tech (IT)

OCT 2020 - MAY 2024, Bhubaneswar, Odisha

Projects

ExcelFilePackage (Stack- PHP)

A php composer package to create a simple multi-sheet excel file and store in server designed to handle Laravel's ORM data.

Main Features:

- *More than 85% faster than maatwebsite alternative*
- *About 90% reduction in memory consumption*

Laravel-Node (Stack- NodeJS)

A framework-like structure in NodeJS for Laravel developers switching to NodeJS. Its helpful for NodeJS developers wanting MVC functionality and other features of Laravel

Main Features:

- *Minimal use of secondary libraries so no Issue of version mismatch*
- *In-built ORM for SQL*
- *Migrations and seedings*
- *Custom route files.. No need to update RouteServiceProvider*
- *php artisan commands as npm run. Ex. npm run migrate*

Check Requests (Stack- NodeJS)

A npm package to implement laravel like validation (form validation) in node project.

Main Features:

- *Comprehensive set of widely used rules for request validation like alpha,numeric,alpha_dash,email,gender,boolean*
- *Descriptive response in case of error*

pHTML (Stack- JS)

A minimalistic JS library to enable basic programming concepts like looping, calculations, conditions in HTML as HTML Tags.

Ex. `<repeat times="x"></repeat>`

Most of the projects are now the property of someone else so can't be mentioned here.