

DEEP BISWAS

Senior Backend Engineer

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PROFESSIONAL SUMMARY

Senior Backend Engineer with 6+ years of experience designing, developing, and maintaining scalable backend systems using PHP, Laravel, Node.js, and RESTful APIs. Experienced in SaaS, CRM, inventory management, checkout, and eCommerce platforms with expertise in MySQL, Redis, RabbitMQ, Docker, and cloud deployments on AWS and GCP. Strong background in API architecture, database optimization, payment gateway integration, CI/CD automation, and production support. Passionate about building maintainable software, improving application performance, and mentoring engineering teams.

TECHNICAL SKILLS

Backend: PHP 8+, Laravel, Symfony, Node.js, CodeIgniter, RESTful APIs, MVC Architecture, SOLID Principles, Design Patterns, Dependency Injection, Service Layer, Repository Pattern, Queue Workers.

Frontend: Vue.js, React, Next.js, TypeScript, Blade, Tailwind CSS.

Data & Messaging: MySQL, Redis, Query Optimization, Database Design, Indexing, Transactions.

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, CloudWatch, IAM), GCP (Cloud Run, Compute Engine), Docker, Linux, Git, GitHub Actions, CI/CD.

Testing: PHPUnit, Pest.

Platforms & Integrations: Shopify, WordPress, BigCommerce, Sticky.io, Konnektive, CheckoutChamp.

PROFESSIONAL EXPERIENCE

Senior Engineer, Web

Codeclouds IT Solutions Pvt. Ltd. | Kolkata | June 2021 - June 2026

- Progressed from Web Developer to Senior Engineer; owned backend delivery for SaaS, CRM, and checkout products used across eCommerce clients.
- Designed and developed scalable REST APIs supporting checkout, order processing, CRM integrations, inventory management, and business workflows using PHP, Laravel, Symfony, Node.js, and MySQL.
- Integrated payment gateways and subscription platforms including Sticky.io, Konnektive, and CheckoutChamp for high-volume eCommerce applications across Shopify, WordPress, and BigCommerce.
- Managed application deployments on AWS and GCP, implemented Docker-based development environments, and streamlined CI/CD pipelines, reducing deployment time and improving release reliability.
- Migrated legacy Symfony applications to PHP 8.3+, optimized database queries and caching strategies, resulting in improved maintainability and backend performance.
- Led code reviews, mentored developers, and promoted clean architecture, coding standards, and automated testing practices across the engineering team.

Web Developer

S M Solutions | January 2021 - September 2021

- Developed Laravel REST APIs for business applications and implemented third-party API integrations.
- Enhanced frontend components, resolved UI defects, and shipped incremental application improvements.

Web Developer

Sleek Infosolutions Pvt. Ltd. | January 2020 - November 2020

- Built and maintained CodeIgniter applications and Laravel REST APIs for client projects.
- Delivered feature development, bug fixes, and ongoing application maintenance.

Web Developer

Visini Infotech LLP | January 2017 - April 2017

- Developed TYPO3 CMS applications, integrated frontend designs, and implemented reusable templates.

SELECTED PROJECTS

MSTORE API - Laravel Retail Backend

<https://github.com/deepbiswaslabs/mstore-api>

- Designed and developed a Laravel-based backend for retail operations including customer management, invoicing, inventory, billing, payments, CSV import/export, and PDF invoice generation through RESTful APIs.
- Stack: Laravel 12, PHP 8.2+, MySQL, Docker, TCPDF, Excel, Pest.

MSTORE - Sales & Billing Platform

<https://github.com/deepbiswaslabs/mstore>

- Vue.js retail frontend for sales entry, billing, payments, reports, filters, and REST API workflows.
- Stack: Vue.js, TypeScript, Pinia, Vite.

AINVENT - Inventory Management System

<https://github.com/deepbiswaslabs/ainvent>

- Developed an inventory and distributor management platform supporting products, warehouses, invoicing, shipments, returns, payments, profit analysis, and reporting.
- Stack: Laravel 11, PHP 8.2+, MySQL, Blade, Tailwind CSS, Pest.

EDUCATION

B.Sc. Botany (Hons)

Dum Dum Motijheel Science College | 2012 - 2016

Computer Application Certifications (Java, PHP, Python)

APTECH Konnagar | 2017 - 2020

CERTIFICATIONS

- Smart Professional Java
- Smart Professional Python
- Python Pro Bootcamp

- Node.js, Express & MongoDB Bootcamp
- Ultimate AWS Certified Developer Associate 2026 DVA-C02

LANGUAGES

English, Hindi, Bengali