

# Kaushik Mitra

Software developer with 5+ years of experience in backend development using Drupal and Laravel. Skilled in frontend technologies like HTML, CSS, JavaScript, and React. Experienced with Docker and Terraform for containerization and infrastructure automation in cloud environments.

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<https://kkmitra.site>

## SKILLS

- Proficient in **Drupal 8/9/10** and **PHP**, with experience developing custom modules and themes.
- Worked on modern **Laravel (v11)** applications following **MVC** and **OOP** principles.
- Experienced with **Git** for version control and code collaboration via **GitHub** and **GitLab**.
- Developed software following the architecture of **MVC** and **Object oriented programming**.
- Implemented **Headless Drupal** solutions by exposing content via **REST APIs**, with **React** as the frontend.
- Used Drupal as a headless CMS, where we have exposed Content added in Drupal with various REST APIs and on the Front end React was being used for showing the data.
- Familiar with **OAuth** for user authentication and secure API access.
- Adhered to coding standards using tools like **PHP\_CodeSniffer** (phpcs, phpcbf).
- Used **Docker**, **Lando**, and **DDEV** for local Drupal development environments.
- Competent in **JavaScript** for Drupal frontend customization and interactivity.
- Experience with **Terraform** for Infrastructure as Code (IaC) to provision **AWS EC2** instances and deploy applications.

## TECHNOLOGY USED

Drupal 8/9/10  
Laravel  
PHP  
Docker  
AWS  
Terraform  
Git  
HTML  
Javascript  
CSS

## LANGUAGES

English  
Hindi  
Bengali

## EXPERIENCE

### Sundew Solutions Pvt. Ltd., Kolkata — *Technical Associate*

April 2024 - PRESENT

- Worked on revamping the website of one of India's most renowned institutions using **Drupal 10**, focusing on performance, accessibility, and modern architecture.
- Involved in **planning and architectural design** of the Drupal site.
- Contributed to **Laravel-based applications**, building scalable backend features.
- Assisted in **project planning** and creating **Software Requirement Specifications (SRS)** for client deliverables.

### Innoraft Solutions Pvt. Ltd., Kolkata — *Software Developer*

January 2020 - April 2024

- Have used Drupal as a headless CMS on the backend for **LTTS Tech Tadka**. Created various REST API routes with Drupal controller. Used **Microsoft OAUTH** to log people in.
- Worked on the migration of the site from **Drupal 7** to **Drupal 9**. Used **csv** for data migration.

- Have worked on and architected solutions for various dashboards for the admin to extract webform submission results.
- Worked on the webforms, and updated drupal CMS fields for making better UI for the content team.
- Worked on solutions architecting components for content editors to add site content with ease and without any knowledge of HTML.

## EDUCATION

### **Budge Budge Institute of Technology, Kolkata — *B. Tech***

2020

### **Andrew's High School, Kolkata — *Higher Secondary***

2016

### **Andrew's High School, Kolkata — *Secondary***

2014

## PROJECTS

### **Portfolio Website**

Build a portfolio website with NextJS and have deployed it on Vercel.

Website: <https://kkmitra.site>

Git Repo: <https://github.com/MitraKumar/portfolio>

### **Mail Server Infrastructure**

Used terraform as the IAC tool for creating an AWS EC2 instance with necessary security groups for deploying a self-hosted mail server with mailcow.

Git Repo: <https://github.com/MitraKumar/mailcow-server-infra>

Write Up:

<https://dev.to/mitrakumar/setting-up-mailcow-on-mail-server-on-an-ec2-instance-2bf6>