



## Shreyal Mandot (Drupal)

Shreyal is adept at combining his in-depth knowledge of self-learning and industry experience in web development with analytical expertise, strategic negotiation, and skillful relationship building. A guy who is very diligent in exploring the rapidly growing new era of technology and contributing his best efforts to it in every possible way.

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## Work Summary

8+ years of experience in Web & Application Development and specialises in developing web-based solutions in Drupal and PHP. He also possesses good practical knowledge of project management and skilled in executing all facets of the project lifecycle including scope definition, requirements gathering & elicitation, design, building, testing, deployment, production support, and also helps customers define why a particular solution would work better than the others. Have worked on various products and specialises in creating media and portals, also has expertise in writing applications using different frameworks.

# Drupal Projects

- **North Highland (Drupal 9):** The project involved working and enhancing the site usability, functionality and enhancing the component based workflow for the editors and multiple integrations across analytics :
  - Worked on creating new features, enhancements and re-designing of features for better reliability, performance and caching.
  - Worked on helping re-designing the application architecture, enhancing customer experience and improving editorial experience.
  - Responsibilities include client interaction, assisting team members with tech issues, client demos, estimations, planning, scoping, server related tasks & integrations, development of critical features.
- **RainBird (Drupal 9):** The project involved working on maintaining the existing site and building features around large data sets of products, models, APIs, multi-region as well as multilingual features :
  - Worked on creating new features, enhancements, search and re-designing of features for better reliability, performance and caching.
  - Worked on helping re-designing the application architecture, enhancing customer experience and improving editorial experience.
  - Worked on building a features to show rewards using a SSO and fetching details from the rewards system and syncing data between the two for the current user based on the region and language selected.
  - Responsibilities include client interaction, assisting team members with tech issues, client demos, estimations, planning, scoping, server related tasks & integrations, development of critical features.
- **Michael J. Fox (Drupal 9):** The project involved working on maintaining the existing site and building new features. It also involved building a microsite with advanced UI elements and library feature to help researchers and patient with Parkinson's research and references.
  - Worked on creating a UI library using fractal and tugboatQA integration to the site.
  - Worked on providing implementation and supporting the team to reach the end result with the optimal quality. Responsible for the complete technical side of the project lifecycle from estimation to onboarding to discovery to implementation , testing and final delivery.
  - Responsibilities include client interaction, assisting team members with tech issues, client demos, estimations, planning, scoping, server related tasks & integrations, development of features.

- **Panasonic (Drupal8/9):** The project involved working on a decoupled catalogue site listing all the product & specifications, it is used to enhance and cater to the product marketing needs of panasonic in a multilingual setup, tracking and helping set up a journey to help improve digital marketing and product visibility :
  - Worked on creating new features, enhancements and re-designing of features for better reliability, performance and caching.
  - Worked on helping re-designing the application architecture and enhancing customer experience.
  - Worked on building a feature to syncing resources between two Drupal instances in a multiple distributed environments system and providing a automated layer between the content and catalogue API Drupal site.
  - Responsibilities include client interaction, assisting team members with tech issues, and client demos.
  
- **Product Development for a large digital experience company(PHP/Laravel):** The project involved working on a marketing tool as a product, it is used to enhance and cater to the email marketing needs of companies, tracking and helping set up a journey to help improve digital marketing
  - Worked on creating new features and re-designing features for better reliability and performance.
  - Worked on helping re-designing the application architecture and enhancing customer experience.
  - Worked on building a feature to copy resources from one application to another in a multiple distributed environments system and providing notifications to the user as it proceeds.
  - Responsibilities include client interaction, assisting team members with tech issues, and client demos.
  
- **Axelerant.com (Drupal-8):** The project involved enhancing the component architecture and also including new features to the system for a better user and editorial experience
  - Worked on enhancing the component architecture by reviewing every component technically and from an editorial perspective.
  - Worked on building new features and leading the team in all technical aspects.
  - Responsibilities include client interaction, assisting team members with tech issues, and client demos.

- **OpenScholar (Drupal-8):** OpenScholar is one of the leading Drupal distributions for educational and research institutes such as Harvard. It brings people, programs, and projects online in a scalable way. The project involves building a Core framework that can be effectively used by institutions, also providing a single touch site creation from choosing from a range of templates and sharing content and resources among them as and when required
  - Implemented a resource copy system to communicate and copy data from one virtual site to another.
  - Worked with Component-based architecture.
  - Responsibilities include maintaining and checking the code quality of the implementation along with effective code reviews.
  - Responsibilities include client interaction, assisting team members with tech issues, and client demos.
  - Worked on enhancing the system's performance.
- **CRAIN (Drupal-8):** CRAIN is an Advertising and Marketing Industry that has several brands in different domains. The project involved building a Core framework that contains a number of common features like Editorial workflow, Credits, Individual Page Panelizer, Advertisement, third party Integrations, Multilingual features, and brand-specific dashboard. It also involved developing a multi-site architecture where 16 different brands share the same CORE with brand-specific implementations.
  - Implemented in-line editor and individual placement of content over the page for editors.
  - Worked with Component-based architecture.
  - Implemented multi-site architecture using Acquia Cloud Site Factory.
  - Implemented the Credit system for Employer, employee, and freelancer.
  - Implemented Swiftype search to consolidate data across all profiles.
  - Responsibilities include maintaining and checking the code quality of the implementation along with effective code reviews.
  - Responsibilities include client interaction, assisting team members with tech issues, and client demos.
- **GC MarketPlace (Drupal 8):** GC MarketPlace is an E-Commerce portal for Global Chemicals. The project involved working on the content management system to make it customized for Buyers and sellers to purchase and sell their products, with a built-in chat system and notification. It also involved building a multilingual content management system for the users to create content in their own native language.

- Implemented Server configuration to allow login via third party azure domains.
  - Implemented a system to Buy and Sell products.
  - Implemented Continuous Integration pipeline using kudu on Azure.
  - Implemented multilingual support in regional language (Thai).
  - Responsibilities include client interaction, demos, requirement gathering, assisting, and guiding team members with tech issues.
- **Estee Lauder (Drupal 8):** The Estée Lauder Companies Inc. is a multinational manufacturer and marketer of prestige skincare, makeup, fragrances, and hair care products, based in Midtown Manhattan, New York City. The company owns a diverse portfolio of brands, distributed internationally through both digital commerce and retail channels. The system is internal to the company and has been built for 10 different sites for specific brands with their requirements in place.
    - Worked on feature implementation keeping in pace with the changing client requirements.
    - The system is built completely headless with the front end in React
    - Integrated Caching, elastic capabilities, and Continuous Integration pipeline using Jenkins, Ansible, Maven, Docker, Kubernetes on AWS.
    - Responsibilities included regular client interaction and demos.
- **Flight Centre Australia (Drupal 7):** Flight Centre Travel Group is the largest retail travel Outlet Brand in Australia. The project involved working on the content management system to make it customized for the users to search for flights, hotels, cruises to various locations with various technologies and API-Integrations for front-end and back-end.
    - Implemented elastic search for faster results.
    - Implemented various features as per the requirements.
    - Responsibilities include client interaction, demos, requirement gathering, assisting, and guiding team members with tech issues.
- **BlouinArtInfo (Drupal 7):** Blouin ArtInfo is an Art magazine, gallery, and Book Publishing company based in New York City. The project involved implementing functionalities for editorial workflow, location-based domain, multilingual in 5 different languages, E-Commerce Auction support, Payment Gateway for the subscription.
    - Worked on feature development.
    - Enabled location-based custom domain functionality.

- Integrated Caching, search, and Advertising mechanism.
- Responsibilities included regular client interaction and demos.

## Skill Set

<b>General Skills</b>	Application Design Information Architecture Web Application Architecture
<b>Backend</b>	PHP, PHP frameworks, Laravel, Laravel Nova, Drupal, WordPress, Android, Campaign-factory PHP Components based applications using composer Microservices Frameworks - Lumen Testing with PHPUnit, Simpletest, TugboatQA Familiarity with languages like Python, Java, SQL, MySQL NoSQL - Redis, Memcached, Elastic, Casandra Automation scripts in Python, PHP.
<b>Frontend</b>	HTML 5, CSS 3, JavaScript and libraries like jQuery SMACSS CSS Preprocessors - SASS CSS Grids and frameworks like Bootstrap AngularJS.
<b>Drupal Specific</b>	Drupal 7, 8, 9 Focus on Core APIs and customisations. Contributions to the Drupal community in the form of workshops and code.
<b>System</b>	Apache, varnish, etc... configuration for HA and efficiency Deployment with docker, environment management with land Configuration management with Ansible, Configuring Continuous Integration pipeline using Gitlab CI/Bitbucket/acquia cloud, Jenkins and Kudu on AWS and Azure, Kubernetes cluster to manage docker containers. Version control with Git, svn, bitbucket, Gitlab. API Documentation using Swagger. Code Quality checker tools like sonarqube, Blackfire.

## Drupal Contributions and Achievements

- Organiser at DrupalCampGoa.
- Conducted 120 hours Drupal Workshop at SICSR, Pune.
- Conducted the Drupal Advanced workshop at DrupalCampMumbai.
- Conducted Drupal Advanced Workshop at DrupalCampGoa.
- Security Vulnerabilities Session DrupalCampMumbai.
- Conducted Security Vulnerabilities Session DrupalCampAtlanta.
- First Drupal Campus Ambassador.
- [Contribution Profile](#) on Drupal.org

## Education

- **Master's Degree in Computer Science & Applications**, Symbiosis International University, **Pune**.
- **Bachelor's Degree in Computer Science**, Fergusson College, **Pune**.