**Saikrishna Gadde**

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**320-412-3745**

**PROFESSIONAL SUMMARY:**

* **10 years** of experience in layout designing and developing websites with **PHP 7/8 and PHP5/4**, **Python 2.7/3.5**, MySQL**, Angular 2/4/9, React JS, Node.js, HTML5**, **CSS**, **JavaScript**, **jQuery, Ajax** & **SEO** technologies.
* Extensive experience in **MVC** architecture/frameworks and hands-on experience on popular frameworks like **CodeIgniter, Kohana, Laravel, Zend, Symfony**.
* Excellent in using **GIT and SVN Version Control System**.
* Expertise with online repositories such as **GitHub, Bitbucket**.
* Experience using **JIRA** and **Agile** Methodology.
* Experience with various IDE tools such as **VS Code**, **IntelliJ**, **Sublime, Notepad ++**, PHPStorm, NetBeans, Eclipse.
* Hands-on experience on **MySQL, MSSQL** or other **RDBMS, NoSQL (MongoDB, PostgreSQL)** databases, tuning, and optimization.
* Knowledge in **Varnish** HTTP Cache to build the content heavy dynamic website.
* Experience in **Relational MySQL database** design and maintenance, and writing **Subqueries**, **Stored Procedures**, **Triggers**, **Cursors** and **Functions**.
* Experience working with Cloud technologies, such as **AWS**, working with services like API Gateway, Lambda, DynamoDB, S3, CloudWatch.
* Working knowledge on implementing **memcache**.
* Performed **Google Analytics**, **Cron Jobs** for various projects.
* Highly experienced using **Drupal**, and **WordPress Content Management Systems** (CMS).
* Good at using **UNIX** and **SSH** commands.
* Experience in working with **Swagger** (Open API Specification).
* Knowledge of best practices, **W3C standards** and securing for building web applications.
* Involved in the Unit and Integration testing.
* Adept at working individually, in group settings, and as a team leader with the ability to collaborate with graphic designers and company management to create and enhance web sites while being able to handle responsibilities and new protocols.

**Technical Skills:**

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| Languages | PHP, React JS, Node JS, Python, HTML, CSS |
| Cloud | AWS (S3, EC2, Redshift, RDS, EMR, Lambda, AWS Data pipeline) |
| Databases | Oracle, Hive, SQL Server, MySQL |
| Libraries | Pandas, numpy, PyArrow, PySpark, Bokeh. |
| Database Tools | TOAD, SQL Plus, SQL\*Loader, Aqua Data Studio and Rapid SQL |
| IDE | Visual Studio Code, PyCharm, IntelliJ IDEA, Sublime text, Spyder |

**PROFESSIONAL EXPERIENCE:**

**Client: RedHat Inc, Rayleigh, NC Aug 2023 - Current**

**Role: Software Developer/Web Developer**

**Responsibilities:**

* Worked on the bug fixes, implementing functionality for the CMS website which is based on Drupal (PHP) and React component-based pages.
* Experience with migrating custom modules from Drupal 9 to Drupal 10.
* Experience implementing Drupal entity clone module for cloning config and content entities.
* Worked on migrating/implementing custom Drupal modules plugins from CKEditor4 to CKEditor5.
* Worked on media item (images, videos, files etc) migrations from s3 buckets and writing custom plugins for preparing dB data.
* Worked on implementing entity events (create, update, delete) for handling entity(form) data.
* Worked on implementing cloning nodes and translations.
* Implemented/added events to the window event layer based on React-Tracker library.
* Implemented setting up Drupal with DDev and docksal containers.
* Logging, debugging based on dblog, filelog Drupal modules and Splunk logs.
* Implemented custom functionality for Drupal akamai module to clear cache through cache keys.
* Worked on Test Driven Development (TDD) using PHPUnit for writing test cases.
* Reroll patches during Drupal9 to 10 migrations.
* Implemented cloning entities into non-english translations for entity clone module.
* Worked on implementing event subscriber for modifying header data for cache invalidation.

**Skills:** Tools and Environment: Docker, PHP 5.6/7/8, VsCode, Drupal 9.5.11,10, WCAG 2, PHPSpec, PHPUnit, GitLab, MySQL, React JS, Pattern Lab, PostgreSQL 9, Styled Components, jQuery, JavaScript, HTML5, CSS3, Jira, MacOS, Agile.

**Client: CSIdentity (part of Experian Partner Solutions) Austin, TX July 2022 - July 2023**

**Role: Software Developer/Web Developer**

**Responsibilities:**

* Worked on the bug fixes for Identity and Management Centre website which is based on Drupal (PHP) and react.
* Worked with different Symfony (PHP) features like form builder, event listeners and twig templates.
* Worked with Pattern Lab to implement custom design templates and update the design/style guide system patterns with latest design changes.
* Worked on implementing database migrations with Doctrine ORM.
* Management and Administration of AWS Services EC2, IAM.
* Monitor and manage different amazon services through CloudWatch.
* Worked on an UI implementation for calling Symfony Command-line Commands.
* Worked on developing responsive, web accessible (ADA guidelines) pages with HTML5, CSS3, jQuery.
* Configured security policy standards like OAuth2.0, APIKey, SAML and mutual auth for inbound and outbound calls from APIGEE Gateway.
* Experience Writing Complex SQL queries and PostgreSQL stored procedures.
* Worked on unit tests with PHPUnit, PHPSpec testing framework.
* Experience writing Behat tests for Behaviour Driven Development framework tests.
* Used Git for version control repository to maintain current and historical versions of files such as source code and documentation.

**Skills:** Tools and Environment: Docker, PHP 5.6/7/8, PHPStorm, Drupal 9.5.11, WCAG 2, APIGEE, PHPSpec, PHPUnit, AWS - S3, ECS, Fargate, MySQL, Symfony 4.4, React JS, Pattern Lab, PostgreSQL 9, Styled Components, jQuery, JavaScript, HTML5, CSS3, Jira, MacOS, Agile.

**Client:** The Screen Actors Guild - American Federation of Television and Radio Artists **(SAG-AFTRA), Los Angeles, CA Feb 2020 – July 2022**

**Role: Technical Lead/Lead Developer**

**Responsibilities:**

* Involved in the **Design and Development** of Nominations project SDLC.
* Worked on the development of Nominations Application and implemented **SSO** authentication to access multiple portals which were built on **Drupal 9(PHP)** and **Angular**.
* Developed the Frontend for Nominations project from ground-up on **Angular 9, Primeng**.
* Developed UI for Taft-Hartley (application for casting directors to submit performers work) project on **ReactJS**, **Redux** and **Symfony**.
* Worked on implementing low-code sites with Acquia site studio.
* Built and monitored multi-site platforms with Acquia Cloud Site Factory (ACSF).
* Implemented Styled Components to improve Usability and Scalability.
* Developed forms with dynamic validation using **redux-form** library.
* Worked on tests using PHPSpec (BDD) and Test-Driven Development (TDD) using PHPUnit.
* Worked with different **Symfony (PHP)** components like Webpack Encore, Routing, Templating to spin up web pages with minimal effort.
* Build responsive single page applications with HTML5, CSS3, JavaScript.
* Worked on Nginx for implementing load balancers and data caching.
* Used **AWS** serverless lambda functions for many events.
* Deployed applications through **ECS** for managing and scaling containers without the infrastructure overhead and created distributions through **Cloudfront** to access static content files.
* Involved in maintaining, availability of Amazon Elastic Compute Cloud service (EC2).
* Worked in data ingestion with **AWS** Services like S3 and loaded audit records in DynamoDB.
* Worked on developing responsive **Drupal** websites based on the designs.
* Experience with developing custom hooks, plugins in Drupal 9.
* Worked on building custom **Drupal** themes.
* Involved in Drupal7 to Drupal8 migration.
* Optimization of Drupal performance with Memcache, Varnish.
* Experience with Drush command-line utility, Drupal CCK module.
* Creation of swagger files and generating API proxies using the swagger files.
* Integrated with third party vendor API’S through on prem APIGEE.
* Actively involved in production support through debug trace console on APIGEE.
* Participate in the migration of the API SOAP to RESTful (APIGEE), XML to JSON.
* Normalized database tables to remove redundancy and inconsistency.
* Experience with developing web applications with Web Compatibility accessibility guidelines (WCAG).
* Developed services in angular to make API calls and render the data in the frontend.
* Worked on cross browser compatibility issues for Primeng Components.
* Used **Git** for version control repository to maintain current and historical versions of files such as source code and documentation.
* Worked in an Agile Environment with daily stand-up, bi-weekly sprint planning meetings and sprint retrospectives.

**Skills:** Apache, Nginx, PHP 5.6/7, MySQL, **Symfony 5.0**, AngularJS, **Angular 9.0.3**, Primeng 9.0.1, Drupal 7/8/9, Acquia Platform, PostgreSQL 8/9, **React JS**, **Redux**, Redux-Forms, **Styled Components**, **Figma**, AWS- Cloudfront, **Jest**, Ajax, **JavaScript**, HTML5, CSS3, Jira, MVC, Linux, Agile.

**Client: Mutual of Omaha, Omaha, NE May 2019 – Dec 2019**

**Role: PHP Developer**

**Responsibilities:**

* Involved in the **Development** of a project SDLC.
* Developed the application using **MAMP (MacOS, Apache, MySQL 5, and PHP 7)** Stack.
* Worked on the development of Mutual website which is built on **Laravel** Framework as the backend and **VueJS** Components in the front-end.
* Worked on RESTful APIs for getting data in JSON from third-party servers outside the organization which are in-turn consumed by the front-end to render it.
* Wrote Unit Tests using **Mockery (PHP)** for testing API endpoints.
* Worked on Swagger (**Open API specification**) documentation for documenting and testing the API endpoints.
* Worked on implementing semantic HTML, Accessibility tags (ARIA) to make it accessible for screen readers.
* Developed dynamic responsive web pages with HTML5, CSS3, JavaScript, Vue JS.
* Worked on Vue Lifecycle Hooks for manipulating DOM changes.
* Worked on generating reports in different formats (Excel/HTML/PDF) and wrote queries for generating the data.
* Worked with Jenkins for CI and End-to-End automation for builds and CD.
* Used **Bitbucket** as the version control repository to maintain current and historical versions of files such as source code, readme(documentation).
* Worked in Agile Environment with daily stand-up, bi-weekly sprint planning meetings and sprint retrospectives.

**Skills:** MAMP, Apache, PHP 5.6/7, MySQL, **Laravel 5.5**, **Vue 2.5**, Ajax, **JavaScript**, HTML5, CSS3, Sketch, Webpack, Docker, Google Tag Manager (GTM), Jira, MVC, Linux, Swagger, OAS, Markdown, PHPUnit, Mockery, Jenkins, Agile.

**Client: State Of New Mexico, Santa Fe, NM May 2018 – February 2019**

**Role: PHP/Drupal Developer**

**Responsibilities:**

* Involved in the **Analysis, Design, and Development** of the entire project’s SDLC.
* Developed the application using **LAMP (Linux, Apache, MySQL 5, and PHP 5)** Stack.
* Involved in the back end by developing API’s using PHP **Slim framework**.
* Worked primarily as a backend developer on the company's system, which uses **CodeIgniter** as its framework for this specific Project (TEX).
* Worked on implementing Middleware (CORS) in slim framework for the front end which is in different domains/servers.
* Wrote Unit Tests using **PHPUnit** for the API endpoints.
* Worked on Swagger (**Open API specification**) for documenting and testing the API endpoints.
* Worked on enhancements/bug fixes on other projects based on **Kohana** Framework and **Plain PHP**.
* Updated the application with new features of **Angular 4**
* Built **Angular** components, UI services to consume rest services using Component based architecture provided by **Angular.**
* Used HTML5, CSS3, JavaScript, jQuery, and PHP to build responsive **Drupal** themes.
* Worked with troubleshooting **Drupal** issues and monitor website performance.
* Worked on implementing Okta Verify Authenticator as **2FA/MFA** to provide an additional layer of security to user accounts.
* Worked on generating reports in different formats (Excel/HTML/PDF) and wrote queries for generating the data.
* Involved in **Oracle** Database migrations for different environments.
* Used **SVN** to maintain current and historical versions of files such as source code and web pages.
* Worked in Agile Environment with daily stand-up, sprint planning meetings and sprint reviews.

**Skills:** Linux Centos/RHEL, Apache, PHP 5.6/7, MySQL, Slim Framework, **CodeIgniter 2.x**, Drupal8, Angular 2/4, PostgreSQL, Ajax, APIGEE, jQuery, JavaScript, HTML, CSS, Bootstrap 3.2.0, Jenkins, Jira, MS Excel, MVC, Linux, MS Word, Swagger, OAS, Markdown, Figma, PHPUnit, XML, Agile.

**Client: Mayo Clinic, Rochester, MN March 2016 – April 2018**

**Role: PHP Developer**

**Responsibilities:**

* Examined every module which include **Analysis, Design, and Development** of the entire project SDLC.
* Developed the application using **LAMP (Linux, Apache, MySQL 5, and PHP 5/7)** architecture.
* Developed the application using CodeIgniter **MVC** framework.
* Worked primarily as a backend developer on the company's system, which uses **CodeIgniter** as its framework.
* Implemented **Search Engine Optimization** techniques.
* Built a responsive website using **Bootstrap** that fits devices of different visual sizes.
* Developed browser compatible pages using **HTML5, CSS3, jQuery**, **JavaScript** and **Angular.JS**.
* Implemented Nginx as a reverse proxy for balancing (load balancer) the traffic across multiple instances and to enhance security.
* Develop **Shell/Perl** scripts to generate reports for users.
* Created Middleware for user authentication and used Blade Templating Engine for rendering dynamic views.
* Implemented OAuth with JWT (Json Web tokens) to authorize third-parties for accessing portal data.
* Created custom **artisan commands**.
* Worked with **Express-js** Framework, **HTTP** module for handling client requests.
* Worked with Relational Databases (MySQL, MSSQL) (queries, design, and normalization)
* Content must be continually updated when it comes to web app development, implementing **Joomla** as a **content management system** (CMS).
* Created **Joomla** modules for Activity log and Service Reporting.
* Worked on **customizing modules** and **themes** for web applications using Joomla.
* Using complex **Object-Oriented** concepts in improving the performance of the websites.
* Used **SVN** to maintain current and historical versions of files such as source code and web pages.
* Worked in an Agile based environment with daily scrum calls and coordination with the offshore team.
* Fixed Bugs with the help of **Jira (Bug Tracking System).**

**Skills:** Mac OS X, Apache, PHP 5.6/7, MySQL, **CodeIgniter 2.x**, Symfony 3, Joomla, AWS Cloudfront, Ajax, jQuery, JavaScript, Node.js, OAuth, HTML, CSS, Bootstrap 3.2.0, Jira, Jenkins, Docker, MS Excel, MVC, Linux, Perl, Adobe Photoshop, Microsoft Visio, XML, Agile.

**FDIC, Baltimore, MD Jan 2015 - Feb 2016**

**Role: PHP Developer**

**Responsibilities:**

Implemented the applications in both **LAMP (Linux, Apache, MySQL, PHP), and MAMP (Mac, Apache, MySQL, PHP)** Environments.

* Used **CodeIgniter** framework to develop an **MVC based** application**.**
* Worked heavily on **Drupal CMS** development and developed various custom modules.
* Developed interactive User Interfaces, usability, responsive and adaptive web-based applications using HTML5, **CSS3, CSS Preprocessors (SASS, SCSS), Bootstrap 3, JavaScript, jQuery, jQuery UI 1.x, and Media Queries**.
* Wrote application-level code to interact with APIs, **Web Services (SOAP) using AJAX**, **JSON** and utilized the services to **perform CRUD operations**.
* Involved in Page Layouts, Dynamic Menu, Search features.
* Involved in development of commonly used angular components across teams such as customer directives for **grid, pagination, conditional validations**.
* Used various Drupal tools including **Drush, Memcache, Views, CCK**.
* Modification and customization of the Drupal themes and layouts.
* Involved in writing queries and stored procedures using MySQL.
* Created required templates and reusable style sheets based on UI standards and company's requirements.
* Expertise of **Object-Oriented Programming** (PHP 5.x, JAVA, JavaScript) - inheritance, encapsulation, polymorphism - Data Structure/Algorithms knowledge.
* Extensive experience in designing/developing web applications using Laravel 5 MVC framework.
* Partnered with the support team to update and maintain the client information, resources information, and documents information database using MySQL with **Eloquent ORM.**
* Created database schema versions using Laravel**5 framework seeder and migration** feature.
* Used the **Git** version control system to manage the code.

**Skills:** PHP5, Laravel 5, MYSQL, **CodeIgniter**, JavaScript, jQuery, AJAX, MVC, Drupal 6, Zend Studio, Joomla, JEdit, HTML 5, CSS 3, MS Excel, Linux, MS Word, Adobe Photoshop, XML, Agile, WAMP**.**

**Macys, Atlanta, GA Jan2014 - Dec 2014**

**Role: Software Developer**

**Responsibilities:**

* Key member in the database structure design.
* Implemented User Management Systems, including Registration, Login, Profile edit, etc.
* Implemented Open ID Login like login with Facebook, Google, and LinkedIn.
* Developed Form Create area using **jQuery Drag and Drop API**, providing the users to simply drag and drop the form elements into the form create area.
* Implemented autosave for the Forms using **jQuery, Ajax, and PHP**.
* Implemented authorization using tokens for Facebook and Google.
* Involved with Zend module development and customization.
* Worked with the Zend framework's filtering, decoding, encoding security features in developing secure.
* Hosted content on Cloudflare’s **CDN** for application load balancing, faster website loads, reliability and added level of security.
* Built, tested Payment Gateway, shopping cart to integrate into Magento.
* Implemented coupon/promo code service and implemented Magento’s HubSpot contact sync extension for better sales and customer retention.
* Implemented promo code option while checkout.
* Implemented **Payment System** using **PayPal** Express Checkout for Digital Goods.
* Significant experience in web development tools like APTANA STUDIO, Adobe Dreamweaver CS3, Spring Tool Suite, Eclipse, and Firebug.
* Developed Modules for the Banners and Sliders, enabling images to be controlled from the administrator section.
* Developed a **search engine** for comic books based on several parameters like series, publisher, author, etc.
* Implemented Zoom In, Zoom Out options using **Hammer JS** for the comic books.
* Implemented front-end layout and behaviour with **HTML**, **JavaScript** and **CSS**, and used rotator.js, **jQuery** slide menu, easing plugin to implement the front end.
* Worked with **REST** based Web Services to develop DAO and DTO classes for services and consumed through factory service calls from front end.
* Designed Page caching, RSS feeds, printable versions of pages, news flashes, blogs, search, and support for language internationalization using Joomla.
* Designed Page caching, RSS feeds, printable versions of pages, news flashes, blogs, search, and support for language internationalization using **Joomla,** implemented custom validation controls for form validation using Object Oriented **JavaScript**.
* To develop Rich UI Components such as Accordions and Modal Windows using pure **HTML 5.**
* Hands-on experience with adding widgets, plugins, tools, and posts through **WordPress.**
* Developed code to call the **web service/APIs** to fetch the data and populate on the UI using JQUERY/AJAX.
* Prepared a Test plan which specified the testing approach and strategy and the scope of testing.

**Environment:** Linux, Apache, PHP 5, MySQL, Zend framework, Magento, Joomla, Ajax, jQuery, JavaScript, HTML, CSS, Bootstrap 3.2.0, PayPal, Rest API, CSS, Linux, MS Word, Adobe Photoshop, WordPress, Agile.

**Client: Goihang247, San Francisco, California March 2012- Aug 2013**

**Role: Web Developer**

**Responsibilities:**

* Designed different front-end forms for various catering services using **PHP**, **JavaScript,** and **Markdown**.
* Involved in implementing **MVC** architecture to separate business logic from the view using **OOP** in **PHP5**.
* Developed the application using the Symfony framework, **Doctrine2**.
* Modified the search engine so that the user can find the relevant data as per the requirement.
* Developed **PHP** code and static **HTML** pages using the **ZEND STUDIO** and **Adobe Dreamweaver**.
* Modified the source code according to the requirement using **JOOMLA**.
* Built a responsive website using **Bootstrap** that fits devices of different visual sizes.
* Worked with Visual Studio for migrating web pages from .**NET** to **PHP**.
* Worked with **LAMP** stack, **NOC**.
* Strong expertise in Web Application development using **PHP** with **OOPs, CVS, SVN, MySQL, MS SQL**
* Server, **PHP, jQuery**, **AJAX**, **CSS**, **FlashActionScript3.0** and **XML.**
* Evaluated and selected open and closed source software for customization e.g., **WORDPRESS, JOOMLA.**
* Used **JOOMLA** to implement an appointment management system.
* Edited websites using **Joomla modules and menus.**
* Developed presentation layer using **HTML**, **JavaScript**, **CSS**, **and AJAX** etc.
* Prepared monthly status reports for enhancement requests to the project team that was used efficiently.
* Tracking and monitoring of open issues of the project.
* Using complex **Object-Oriented** concepts in improving the performance of the websites.

**Environment:** PHP5, Symfony, MYSQL, Oracle, JavaScript, jQuery, AJAX, PhpMyAdmin, ZEND STUDIO, Joomla, JEdit, HTML, DHTML, CSS, MS Excel, MVC, Linux, MS Word, Adobe Photoshop, Microsoft Visio, XML, Dojo, Markdown, WordPress, Agile, Java servlets, Java, LAMP.

**Education:** Bachelor of Engineering 2012, JNTU, India.

Master’s 2015, CSULB.