ARATHY BABU

Web Developer/ Software Engineer (9+ years)
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Professional Summary

Experienced Laravel developer with 9 years of hands-on experience in designing and developing web applications. Adept at crafting high-performance, scalable solutions, and working within agile teams. Proficient in PHP, Laravel, Vue.js, and various databases. Passionate about writing clean, maintainable code.

Work Experience

Job Title: Senior Laravel Developer
Company Name: Naffco FZCO
Dates of Employment: March 2022 – Present

Responsibilities

- Developed web applications using Laravel.
- Worked on backend API integrations and optimized the database for better performance.
- Contributed to the migration from legacy code to modern Laravel frameworks.
- Implemented security best practices and improved codebase maintainability
- Build and maintain back-end services, including databases, APIs, and server-side PHP
- Ensure web applications are fully responsive and compatible across different devices and screen sizes.(Laravel, WordPress Vue.js, React)
- Utilize frameworks like Bootstrap.
- Collaborate with UI/UX designers to ensure the design is implemented properly.
- Work on improving the user interface (UI) and user experience (UX) by optimizing speed, usability, and accessibility.
- Design, implement, and manage databases (e.g., MySQL, MongoDB, MySQL Workbench, DBeaver and PostgreSQL).
- Use Git and GitHub (or similar tools) to manage code and collaborate with team members.
- Participate in code reviews to maintain coding standards and improve the codebase.
- Implement security measures to protect websites from vulnerabilities (e.g., XSS, CSRF, and SQL Injection).
- Ensure secure data transmission and storage by using protocols like HTTPS and encryption.
- Optimize website speed and performance by reducing load times, optimizing images, minifying code, and leveraging caching mechanisms.
- Deploy web applications to cloud platforms or web servers (e.g., AWS, Cpanel)
- Ensure ongoing maintenance, bug fixes, and updates after launch.
- Modify existing themes to meet client specifications. Ensure themes are responsive, user-friendly, and follow best practices.
- Plugin Development and Customization.
- Ensure clients can manage and update their content easily through WordPress, including posts, pages, media, and custom content types.
- Ensure websites are fully responsive and display properly across a wide range of devices and screen sizes.

- Focus on making the website user-friendly, ensuring that navigation, layout, and design are intuitive for visitors.
- Use front-end technologies (HTML, CSS, JavaScript) to develop and style WordPress themes, templates, and custom layouts.
- Integrate third party APIs (e.g., social media, payment gateways, CRM systems) to extend WordPress functionality.
- Implement on-page SEO strategies, including proper header tags, Meta descriptions, image alt attributes, and URL structures, to improve search engine rankings.
- Implement security best practices, such as using SSL certificates, strong passwords, and securing login pages to prevent unauthorized access.
- Set up automated backups to ensure the safety of website data in case of crashes or data loss.
- Regularly update WordPress core, themes, and plugins to the latest versions to protect against vulnerabilities.
- Troubleshoot and fix any issues with the website, including resolving compatibility problems, theme errors, plugin conflicts, or performance issues.
- Test and ensure that WordPress websites are compatible with all major web browsers (e.g., Chrome, Firefox, Safari, and Edge) and across different operating systems.
- Build and customize Woo Commerce websites for e-commerce functionality, including product pages, shopping carts, and checkout systems.
- Use tools like Google Analytics to monitor traffic, user behavior, and performance metrics.
- Used **Docker Compose** for local development environments, allowing team members to spin up and manage services with ease and standardizing the setup process.

Job Title: Senior Software Developer
Company Name: Tabibi Network L.L.C
Dates of Employment: October 2020 – February 2022

Responsibilities

- Led the development of complex web applications using Laravel.
- Write clean, efficient, and maintainable code that meets the project requirements. Ensure that the software is scalable, secure, and optimized for performance.
- Design and develop APIs that are easy to integrate with and ensure they are well-documented and secure.
- Implement fault-tolerant systems with appropriate error handling and recovery mechanisms. Design for scalability and high availability.
- Review code written by team members to ensure it meets coding standards, is bug-free, and follows best practices.
- Ensure that the team follows software development best practices, including clean code principles, version control, and testing methodologies.
- Provide guidance and mentorship to junior and mid-level developers, helping them improve their skills and grow professionally.
- Collaborate with product managers, business analysts, and other stakeholders to understand business requirements and translate them into technical specifications.
- Design, implement, and manage databases (e.g., MySQL, MongoDB, and PostgreSQL).
- Use Git and GitHub (or similar tools) to manage code and collaborate with team members.
- Participate in code reviews to maintain coding standards and improve the codebase.
- Implement security measures to protect websites from vulnerabilities (e.g., XSS, CSRF, and SQL Injection).
- Ensure secure data transmission and storage by using protocols like HTTPS and encryption.

Job Title: Senior Web Developer
Company Name: Innovation Box
Dates of Employment: August 2020 – September 2020

Responsibilities

- Develop custom back-end features and functionality using the powerful Laravel framework, extending October CMS to meet business needs.
- Customize existing themes by adding or modifying templates, layouts, and styling to meet the project's requirements. Work with October CMS's built-in theming system.
- Write clean, efficient, and maintainable code that meets the project requirements. Ensure that the software is scalable, secure, and optimized for performance.
- Design and develop APIs that are easy to integrate with and ensure they are well-documented and secure.
- Design, implement, and manage databases (e.g., MySQL, MongoDB, and PostgreSQL).
- Use Git and GitHub (or similar tools) to manage code and collaborate with team members.
- Ensure secure data transmission and storage by using protocols like HTTPS and encryption.
- Optimize website speed and performance by reducing load times, optimizing images, minifying code, and leveraging caching mechanisms.
- Modify existing plugins to add new features or adjust functionality, integrating them seamlessly with the theme and core CMS functionality.
- Integrate third-party plugins, ensuring they work smoothly with October CMS and do not conflict with other plugins or themes.
- Configure user roles and permissions in the backend, ensuring proper access control and security.
- Regularly update the core October CMS platform, themes, and plugins to the latest stable versions to ensure the site remains secure and functional.

Job Title: Sr. Software Engineer
Company Name: Dynamite Assets Management L.L.C
Dates of Employment: Apr 2019 - July 2020

Responsibilities

- Design and architect complex software systems, ensuring they are scalable, reliable, and maintainable.
- Make decisions about frameworks, tools, and technologies used in projects.
- Ensure systems and solutions are optimized for performance and scalability.
- Write clean, maintainable, and efficient code.
- Take ownership of critical components and complex coding tasks.
- Implement new features and functionalities according to business needs.
- Mentor and guide junior engineers, helping them grow technically and professionally.
- Provide technical leadership to the development team, helping resolve complex technical challenges
- Work closely with product managers, designers, and other stakeholders to define software requirements and specifications.
- Collaborate with cross-functional teams to solve problems and improve product quality.

Job Title: Sr. Software Engineer
Company Name: Neovibe Innovative Technologies
Dates of Employment: September 2017 – January 2019

Responsibilities

- Learn and implementing features based on project requirements using Laravel's MVC (Model-View-Controller) framework.
- Identifying and resolving issues in the codebase.
- Ensuring the code is clean, maintainable, and follows best practices (PSR standards, clean code principles).
- Using Laravel's Eloquent ORM to interact with databases and manage models.
- Writing and executing database migrations to manage schema changes.
- Writing efficient database queries using Laravel's query builder or raw SQL when necessary.
- Writing front-end code with Laravel's Blade templating engine.
- Creating and consuming APIs (RESTful APIs, integrating with third party APIs).
- Using Git for version control and collaborating with other developers via platforms like GitHub, GitLab.
- Setting up and managing cron-job, user authentication using Laravel's built-in systems like Laravel Passport or Sanctum.
- Ensuring data is validated before it reaches the backend.
- Working closely with other developers, designers, and project managers.
- Writing clear documentation for your code and for API usage if needed.

Job Title: Web Developer
Company Name: Cyberia Software Pvt Ltd
Dates of Employment: September 2015 - August 2017
Responsibilities

- Learning and implement CodeIgniter, for building custom web applications from scratch, ensuring the functionality meets the project requirements.
- Following the Model-View-Controller (MVC) pattern to separate concerns and make the codebase modular and maintainable.
- Writing the server-side logic that handles business processes and database operations.
- Designing efficient and normalized databases to store application data.
- Implementing create, read, update, and delete (CRUD) operations using CodeIgniter's database libraries and Active Record functionality.
- Writing efficient SQL queries to ensure fast database interactions and optimize performance.
- Developing RESTful APIs that allow communication between the web application and external services or client-side applications.
- Integrating external APIs and services like payment gateways, social media APIs, or other third-party systems into the application.
- Using the **File Manager**, upload, download, edit, and organize files. This tool allows access to files without needing an FTP client.

Education and Qualifications

MCA : Mohandas College of Engineering, Nedumangad, Trivandrum, Kerala, India (2015)

BSC : Mathematics Msm College, Kayamkulam, Alappuzha, Kerala, India (2012)

XII : Science Girls Higher Secondary School, Kayamkulam, Alappuzha Kerala, India (2009)

Project links	Technology
https://maint-quotations.naffco.com/login	Laravel ,MySql
https://vehiclesrequest.naffco.com/	Laravel ,MySql
https://mpdms.healthconnectdigital.com/	Laravel,MongoDb
http://www.notionsgroup.com/	CodeIgniter ,MySql
https://www.iadvl.org/	Laravel , MongoDb
https://www.shieldmeglobal.com/	Wordpres
https://www.gih.com.kw/	Laravel/Octobercms ,MySql
http://ourforum.ae/	Laravel/Octobercms ,MySql
https://www.naffcoelectric.com	Wordpress
https://stoore.ae/	Wordpress

Personal Vitae

Date of Birth	: 07/10/1991
Nationality	: Indian
Marital Status	: Married
Passport number	: N8090672
Visa Status	: Employment Visa
Languages Known	: English, Malayalam and Tamil