

# BHUPESH KUSHWAHA

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## PROFILE SUMMARY

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Experienced Software Engineer with **12 years** in software development, specializing in **PHP frameworks, front-end technologies**, and the **software development life cycle (SDLC)**. Proficient in **Agile methodologies, Scrum, CI/CD pipelines**, and building scalable applications. Adept at leading cross-functional teams, optimizing performance, and leveraging cloud technologies. Strong track record in **microservices architecture, payment gateways integration**, and delivering high-quality solutions. Seeking to contribute technical expertise and leadership skills to a dynamic organization.

## EDUCATION

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Master of Information Technology, Sardar Patel University	2012 - 2014
Bachelor of Computer Science, Veer Narmad South Gujarat University	2009 - 2012
Higher Secondary Education in Science, Gujarat State Education Board	2009 - 2007
Secondary School Education, Gujarat State Education Board	2007

## SKILLS

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- **Operating Systems:** Linux (Ubuntu) and Windows operating systems
- **Cloud Deployment Tools & Platforms:** AWS, Microsoft Azure, Heroku, Jenkins, GitLab CI/CD, Bitbucket Pipelines, Firebase Hosting, Vercel, JIRA, Trello, Asana, GitLab, Jest, PHPUnit, Containerization (Docker), Orchestration (Kubernetes)
- **Backend Development:** PHP (OOP, MVC), Node.js
- **Frontend Development:** Smarty Template Engine, React.js, JavaScript, AJAX
- **Databases:** MySQL, PostgreSQL, SQL, NoSQL (MongoDB, Cassandra)
- **APIs:** RESTful API (Representational State Transfer), GraphQL, SOAP (Simple Object Access Protocol)
- **Web Technologies:** CSS, HTML, jQuery, JavaScript, Ajax, XML, Sass, DOM (Document Object Model), Web Sockets, Cross-Origin Resource Sharing (CORS), Responsive Web Application, Cross-Browser Compatibility, Local Storage and Session Storage, Cookies
- **Payment Gateways:** Atom, Stripe, Authorize.net, Braintree, Spreedly, CCAvenue, PayUbiz, PayPal
- **Version Control:** Bitbucket, SVN, GitHub, GitLab, Git Bash
- **Infrastructure & Monitoring:** Docker, New Relic (NRQL), Grafana, Papertrail, Amazon EventBridge Scheduler, RabbitMQ
- **Methodologies:** Agile, Scrum, Micro-services, Monolithic, TDD (Test-Driven Development), BDD (Behavior-Driven Development), Prototype methodology, DevOps
- **Collaboration Tools:** Jira (JQL), Confluence, Slack, Gmail, ZenDesk, Loom, Miro, LucidChart
- **IDEs:** PhpStorm
- **Design/Prototyping Tools:** Figma
- **Other Skills:** High-Traffic Web Operations, Code Review, Debugging, Performance Optimization, Event-Driven Architecture, Customer Issue Resolution
- **Solution Architectural Diagrams:** Crafting solution architectures using tools such as Lucidchart or draw.io with adaptability, reliability, and scalability. Creating flowcharts to illustrate processes and workflows.

## EXPERIENCE

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### Senior Software Engineer

Jul 2024 - Present

Entrata India Pvt. Ltd

- Part of a highly motivated, young, and energetic product development team delivering innovative and scalable solutions.
- Handling high-traffic website operations, proactively maintaining systems, and solving performance and reliability issues to ensure optimal working.
- Collaborating closely with architects, product owners, and cross-functional teams to design and implement backend and frontend features, contributing throughout the entire software development lifecycle.
- Developing backend services using PHP, focusing on OOP principles and MVC frameworks to ensure maintainability and scalability.
- Building dynamic, responsive user interfaces with Smarty Templates and ReactJS to create seamless user experiences.
- Mentoring junior developers, conducting code reviews, and advocating for best coding practices to ensure the quality and cleanliness of code.
- Advising on and recommending critical architecture decisions to management, ensuring alignment with business needs.
- Optimizing and managing databases (PostgreSQL, MySQL) to improve performance, scalability, and reliability.
- Implementing event-driven systems using RabbitMQ and Amazon EventBridge Scheduler to enhance application performance and streamline event processing.
- Leveraging Node.js for building server-side services and ensuring real-time functionalities and system scalability.
- Monitoring and debugging systems using New Relic (NRQL), Grafana, Papertrail, and other monitoring tools to maintain high performance and reliability.
- Coordinating tasks and communication using Jira (JQL), Confluence, Slack, and Gmail, ensuring smooth project flow and collaboration.
- Designing and collaborating on UI/UX using Figma, LucidChart, and Miro to streamline workflows and provide intuitive solutions.
- Troubleshooting and resolving customer-reported issues using ZenDesk, improving customer satisfaction and issue resolution times.
- Utilizing Docker for containerization and PhpStorm for development, ensuring a streamlined and efficient development environment.
- Recording and sharing project updates and documentation using Loom to facilitate team communication and knowledge transfer.

### Designer (Software Service)

Apr 2021 - Present

Nihilent Limited (IT service and IT Consulting)

- Led development efforts using Magento 2, Laravel, ReactJS, NextJS, and VueJS, ensuring high-quality software applications.
- Managed the complete software development life-cycle, from analysis and architecting to deployment and maintenance with Localization / Internationalization (L10n/I18n).
- Improved delivery time, system performance, and team productivity through Agile and Scrum methodologies.
- Enforced Micro-services and Monolithic architectural patterns to meet specific system requirements.
- Developed modules adhering to industry best practices like PSR standards, SOLID principles, and design patterns.
- Cooperated with the QA Tester team using PHP-Unit, Jest, and JMeter for effective QA processes.
- Proficient in deploying applications on various platforms such as Apache, Nginx, Microsoft Azure, GitLab CI/CD, and Jenkins.

- Demonstrated proficiency in debugging with tools like Xdebug, Error Reporting, JavaScript Profiling, and Cross-Browser Tools, resulting in a **30% reduction** in system errors and improving application **performance by 25%**.
- Proficient in mitigating OWASP Top 10 vulnerabilities and implementing robust web application security measures.

### Sr. PHP Developer

Apr 2020 - Apr 2021

Elsner Technologies Private LTD

- Contributed to software development using Laravel, Magento 2, CodeIgniter, React-JS, Vue-JS, and Slim Framework.
- Engaged in an Agile/Scrum environment to support quick and iterative development processes.
- Demonstrated advanced PHP knowledge on Linux with Apache or Nginx server configurations.
- Integrated payment gateways including Stripe, Authorize.net, Braintree, and PayPal for secure transactions.
- Constructed efficient database structures for MySQL, SQL, and NoSQL databases.
- Utilized JavaScript and CSS, including Ajax, JSON, and HTML/CSS frameworks like Bootstrap and Tailwind.
- Participated in team meetings and utilized project management tools like ASANA for efficient collaboration and tracking.
- Led a cross-functional team in improving customer satisfaction, **resulting in a 50% increase in positive feedback** and a **20% reduction in complaints**.

### Sr. Web Developer

Jun 2019 - Mar 2020

Wama Software

- Developed software using Laravel, WordPress, ReactJS, VueJS, Zend Framework, and CakePHP.
- Established robust and scalable solutions across diverse technology stacks.
- Architected efficient server-side web application logic, reducing server load and improving page load times, enhancing overall user experience and engagement metrics.
- Applied WebSocket for two-way communication enhancing real-time interaction.
- Used Trello for project and task management, maintaining organized workflows.
- Worked closely with QA teams using Jira for efficient issue resolution and Scrum updates.
- Coordinated with the developer team using AsgardCms for modular architecture.

### Sr. Web Developer

May 2018 - Jun 2019

Global Garner

- Led software development with Laravel and ReactJS, ensuring best practices.
- Integrated third-party APIs for enhanced functionality.
- Enforced software quality with Test-Driven Development (TDD).
- Managed version control using Bitbucket.
- Executed monitoring with New Relic, Kibana, and Elasticsearch.
- Planned to work together with back-end, front end, and mobile developers as a Full Stack Developer for optimized performance.
- Maintained websites and tasks in JIRA for efficient management.
- Troubleshooted and enhanced existing applications for optimal user experience.

### Sr. Web Developer

Jun 2014 - April 2018

Loopbots Technology

- Proficiency with fundamental frontend and backend languages such as Magento 1.9 and 2, Core PHP, CodeIgniter, WordPress, Laravel, HTML, CSS, JavaScript, Ajax, ASP.net Csharp, Version Control, and Package Managers.
- Involved in end-to-end SDLC processes: Analysis, Development, Implementation, Testing, and Maintenance.

- Deployed websites on hosting servers like GoDaddy, HostGator, and Bluehost.
- Provided technical support and creative input for static and dynamic websites as a full-stack programmer.
- Initiated database tables using MySQL, PostgreSQL, MongoDB, and SQL Server 2012.
- Created comprehensive documentation, flowcharts, and business requirement gathering for user interactions on web pages.
- Generated GET/POST requests, RESTful APIs, SOAP, and XML for seamless integration.
- Identified and troubleshooted technical issues, and maintained and updated websites.

## ACHIEVEMENTS

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- **Nihilent Start Award:** Recognized with the Nihilent **Start Award in 2023** at Nihilent Limited for outstanding contributions and achievements towards the company.