# BHUPESH KUSHWAHA

bhupes.sc@gmail.com ⬦ https://www.linkedin.com/in/thebhupeshkushwaha/

Senior Engineering Specialist—Architecting Scalable Solutions—Building User-Centric Platforms—Leading Teams

+91 xxxxxxxxx ⬦ Pune, Maharashtra - 411014

## PROFILE SUMMARY

Dynamic, results-driven **senior software engineer with more than 12 years** of experience architecting and delivering robust full-stack solutions for SaaS, product-based, and enterprise applications. Skilled in end-to-end development, cloud deployments, and AI-powered innovations, with expertise in modern frameworks and scalable architectures.

**Key Highlights:**

- **Full-stack proficiency:** PHP (Laravel, Slim, Magento 2, CodeIgniter), ReactJS, VueJS, Next.js, Python, Node.js.

- **Cloud & DevOps expertise:** AWS, Azure, Docker, Kubernetes, GitLab CI/CD, Jenkins.

- **Experienced Architectural:** Monolithic, Microservices, Event-Driven, and API-Base solutions, 3-Tier, Pipe-Filter (ETL).

- Strong leadership and mentoring skills; proficient in Agile/Scrum methodologies.

- Skilled in UI/UX optimization, database architecture, debugging, performance tuning, and secure coding (OWASP, PCI compliance).

## 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 |

## TECHNICAL SKILLS

- **Programming & Frameworks:** PHP (OOP, Laravel, Slim, Magento 2, CodeIgniter, CakePHP, Zend), Node.js, React.js, Vue.js, Next.js, Python, C# (ASP.NET), WordPress

- **Frontend & Web Technologies:** HTML5, CSS3, JavaScript, Ajax, Sass, LESS, Bootstrap, Tailwind, DOM, Responsive Design, Cross-Browser Compatibility, WebSockets

- **Databases:** MySQL, PostgreSQL, SQL Server, MongoDB, Cassandra, DBeaver

- **Cloud & DevOps:** AWS, Microsoft Azure, Heroku, Docker, Kubernetes, GitLab CI/CD, Jenkins, Firebase Hosting, Vercel, Amazon EventBridge Scheduler, Papertrail

- **APIs & Integration:** REST, GraphQL, SOAP, Payment Gateways (Stripe, PayPal, Authorize.net, Braintree, Atom, CCAvenue, PayUbiz), RabbitMQ

- **Tools & Collaboration:** Git, GitHub, Git Bash, PhpStorm, Jira & Confluence (JQL), Slack, Figma, Gmail, LucidChart, Miro, Loom video recording, NewRelic (NRQL), Grafana, ZenDesk, Cursor AI IDE, Jaeger Tracing

- **Methodologies & Practices:** Agile, Scrum, Microservices, Monolithic, Event-Driven, TRD, TDD, BDD, CI/CD, DevOps, Prototype methodology

- **Security & Compliance:** OWASP Top 10, PCI Compliance, Web Services Security

## EXPERIENCE

**Senior Software Engineer** <span style="float:right">Jul 2024 - Present</span>

Entrata

- Developed critical features leveraging AI adoption, boosting product adoption and user engagement by 20%.

- Conducted comprehensive code reviews, improving maintainability and overall code quality across the team.

- Enhanced UI/UX performance using React.js and Smarty Templates, delivering a faster and modern frontend experience.

- Worked closely with stakeholders to gather requirements and design robust backend and frontend solutions.

- Took ownership of feature tasks, contributing both as an individual and within cross-functional teams.

- Suggested and implemented best practices for frontend and backend development, driving consistency and efficiency.

- Detected and resolved critical defects during blitz code verification, preventing potential escalations.

- Quickly adapted to new tools and technologies (PHP, Slim Framework, React.js, LESS/SASS, Docker, Cursor IDE, etc.), enabling rapid implementation of innovative features.

**Designer (Software Service)** <span style="float:right">Apr 2021 - Jul 2024</span>

Nihilent Limited (IT service and IT Consulting)

- Developed full-stack applications using Laravel, ReactJS, Python, with ETL tools and AWS deployment, ensuring high performance and reliability.

- Collaborated with business analysts to create High-Level Designs (HLD) and Low-Level Designs (LLD) under enterprise architecture standards, improving implementation clarity and efficiency.

- Led NextJS projects in an architectural role, planning system design and guiding AI bot and QSR project implementations.

- Designed C4 model diagrams (Context, Container, Component, Code) for the project, providing a clear visual representation of the system architecture and guiding development teams.

- Coordinated with cross-functional teams to align development, architecture, and business objectives, improving team productivity and project clarity.

- Managed end-to-end development, improving project delivery timelines and team productivity by 30% through Agile and Scrum methodologies.

- Enforced Microservices and Monolithic architectures, boosting system performance and scalability to meet project-specific requirements.

- Developed modules following PSR standards, SOLID principles, and design patterns, ensuring maintainable and robust code.

- Partnered with QA teams using PHPUnit, Jest, and JMeter, reducing post-release defects by 25%.

- Deployed applications on Apache, Nginx, Microsoft Azure, GitLab CI/CD, and Jenkins, maintaining high availability and reliability.

- Applied debugging and monitoring tools such as Xdebug, Error Reporting, JavaScript Profiling, Elasticsearch, and HotJar, improving issue detection and resolution efficiency by 35%.

- Implemented OWASP Top 10 protections and other web application security measures, achieving 99–100% mitigation of critical vulnerabilities.

- Maintained code quality using PHP CodeSniffer, ES-Lint, and Style-Lint, achieving consistent industry-standard compliance.

**Sr. PHP Developer** <span style="float:right">Apr 2020 - Apr 2021</span>

Elsner Technologies Private LTD

- Developed robust modules across multiple frameworks, ensuring scalability and reusability for enterprise-grade applications.

- Integrated payment gateways (Stripe, PayPal, Braintree, Authorize.net) with 100% PCI compliance, enabling secure and reliable transactions.

- Optimized MySQL, SQL, and NoSQL databases, improving query performance by 25%.

- Collaborated with clients and cross-functional teams to deliver customized solutions, achieving a 95% client satisfaction rate.

- Applied Agile methodologies using ASANA, maintaining 90%+ on-time delivery across sprints.

- Utilized JavaScript, CSS, Ajax, JSON, Bootstrap, and Tailwind to enhance front-end interactivity and responsiveness.

- Managed Linux server configurations (Apache/Nginx) and cloud infrastructure, ensuring high availability and reliability.

**Sr. Web Developer**                                                                Jun 2019 - Mar 2020
Wama Software

- Developed full-stack applications across Laravel, WordPress, ReactJS, VueJS, Zend Framework, and CakePHP.

- Optimized backend logic and caching, improving page load speeds by 45% and reducing server load.

- Implemented WebSocket for real-time interactions, increasing user engagement by 35%.

- Improved team collaboration and delivery timelines by 20% by managing Agile workflows with Trello and JIRA.

- Coordinated with developers using AsgardCMS modular architecture, making systems more scalable and maintainable.

**Sr. Web Developer**                                                                May 2018 - Jun 2019
Global Garner

- Led end-to-end development of large-scale Laravel + ReactJS platforms, sustaining 30k+ monthly sessions with 99.9% uptime SLA.

- Implemented New Relic, Kibana, and Elasticsearch monitoring, cutting downtime incidents by 35% and improving issue detection speed by 50%.

- Introduced Test-Driven Development (TDD) practices, reducing post-production defects by 28% and boosting release confidence.

- Integrated 15+ third-party APIs (payments, authentication, services), streamlining product features and improving system interoperability.

- Improved task visibility and sprint planning via JIRA, reducing delivery delays by 20% across teams.

- Collaborated with cross-functional teams (backend, frontend, mobile) to optimize performance, improving page load speeds by 25%.

**Sr. Web Developer**                                                                Jun 2014 - April 2018
Loopbots Technology

- Delivered 50+ client projects with full ownership from front-end to backend.

- Enhanced performance by cutting page load times by 40% using caching and backend optimizations.

- Deployed scalable applications on GoDaddy, HostGator, and Bluehost with 99.5% uptime.

- Built REST APIs and SOAP/XML integrations that supported 50K+ active users.

- Designed CMS and e-commerce solutions that improved adoption rates by 40%.

- Authored technical documentation and guides, reducing support tickets by 25%.

- Architected and optimized databases (MySQL, PostgreSQL, MongoDB, SQL Server 2012).

- Provided production support and troubleshooting, ensuring 95%+ client satisfaction.

## ACHIEVEMENTS

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