

# BISHNU POKHREL

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## SENIOR FULLSTACK PHP DEVELOPER

Experienced PHP, Laravel and Vue Js developer with over 6 years of expertise in designing and developing robust e-commerce platforms, including a dynamic spot booking e-commerce website, secure payment integrations, and scalable, high-traffic web applications. Proficient in delivering large-scale projects using Agile and Waterfall methodologies, with a strong emphasis on performance optimization, scalability, and user experience. Technical proficiencies include Vue.js, React.js, Laravel, PHP, MySQL, Git, and API development, ensuring efficient and maintainable solutions.

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- SDLC • Design Patterns • SOLID Principles • Web Services • Software Architecture • Problem Solving
  - UI/UX Design • Leadership • Single Page Applications • Database Design & Development • Critical Thinking

**Languages:** PHP, JavaScript, Java

**Web:** HTML, HTML5, CSS, Vue JS, React JS

**Web Services:** REST, SOAP, JSON, XML

**Web/App Servers:** Apache, Nginx, AWS lambda, Pusher

**Frameworks:** Laravel, Angular, WordPress

**Databases:** MYSQL, DynamoDB, MongoDB, PostGre, Redis

**Design Patterns:** Repository, Singleton, Factory Class

**SDLC:** Agile, Scrum, Waterfall

**Tools:** Mongosh, Slack, Trello, Kanban, Asana, Webstorm, PhpStorm, IntelliJ

**Platforms:** Windows, Linux

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## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### CODESPIDER TECHNOLOGY, London, England • 04/2019 – 04/2024

A software company specializes in delivering innovative online shopping experiences and accessible learning platforms.

#### Sr. VueJs and Laravel Developer

Designed architecture and database, integrated payment systems, and developed RESTful APIs.

- Led the architecture and database design for a core e-commerce platform using Laravel, Vue Js, and MySQL, enhancing system scalability by 30%.
- Developed secure payment processing gateways for online shopping platforms using JavaScript, Laravel, Stripe API, and PayPal API, resulting in a 50% reduction in manual labor costs.
- Implemented RESTful APIs for a multi-vendor e-commerce system using Laravel and Express.js, improving data retrieval speed by 40%.
- Mentored junior developers on best practices and code reviews, driving a 20% increase in team productivity.
- Optimized performance by refactoring a legacy codebase, achieving a 35% boost in application responsiveness.
- Integrated security protocols using OAuth and JWT, reinforcing authentication mechanisms and reducing vulnerabilities by 60%.

**Technologies Used:** Vue.js, Laravel, React.js, Angular, Java, WordPress, PHP, Node.js.

### TECHNORIO INC PVT. LTD, Kathmandu, Nepal • 06/2018 – 03/2019

A startup company focused on local projects that manage CRM, POS, and online payment systems.

#### Web Developer

Developed, tested, and implemented scalable web applications and system features.

- Developed CRM and POS software for one of the leading companies in the country using Laravel, Vue.js, and MySQL, resulting in a 40% increase in operational efficiency and a 25% reduction in manual processing time.
- Built and customized WordPress solutions for mid-size businesses using PHP, JavaScript, and MySQL, achieving a 35% boost in page load speed and a 20% increase in user engagement.

- Implemented full-stack web applications for various projects using JavaScript, HTML, CSS, and PHP, enhancing frontend interactivity by 30% and backend scalability by 40%.

**Technologies Used:** HTML, CSS, Vue JS, JavaScript, jQuery, Ajax, PHP, Laravel, WordPress, MySQL.

#### **Nepal Creative Tech, Butwal, NP 10/2016 – 02/2018**

Company specializing in e-commerce solutions and digital portfolio systems, empowering businesses to enhance their local reach and online presence.

#### **Web Development Intern(Paid)**

Gained hands-on experience in web development and testing through diverse projects, enhancing technical and professional skills.

- Contributed to real-time development of e-commerce and portfolio systems using PHP, Laravel, and Vue.js, improving system efficiency by **35%**.
- Conducted rigorous testing to ensure system reliability and functionality, reducing bugs and errors by **40%**.
- Collaborated on dynamic WordPress sites, optimizing performance and improving user experiences, leading to a **25% increase in user engagement**.
- Developed a foundational understanding of system architecture, time management, and critical thinking in software development, enhancing team productivity by **30%**.

**Technologies Used:** PHP, Laravel, JavaScript, Vue.js, WordPress, Cpanel, SiteGround, GoDaddy.

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### **ACADEMIC PROJECTS**

#### **Maharishi International University (2024)**

- **Travel Journal:** The TravelJournal fullstack application enables a single user to document their travel experiences in a detailed and organized manner. Users can create an account, log in, and record details about each trip, including countries visited, accommodations, and memorable moments. The application features an image gallery to upload and showcase photos from each journey. Built using Angular for the frontend and an Express/Node.js backend, the app stores data securely and offers a dynamic, user-friendly interface for seamless trip documentation. Utilized Angular, NodeJS, Express.
- **Serverless Auth Application:** A serverless authentication application with features for user registration, login, and profile image uploads. It utilizes ReactJS or Angular for the frontend hosted on S3 and CloudFront, and a backend using Lambda, API Gateway, and DynamoDB. The project includes a CloudFormation template for deploying resources and CI/CD integration for the frontend. Utilized Nodejs, React.js, AWS (Lambda, EC2, S3, API Gateway, DynamoDB, Cloud Front, Cloud Formation, Code Pipeline).

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### **EDUCATION**

#### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 12/2026)*

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Application Programming, Modern Web Applications, Cloud Computing

#### **Bachelor of Computer Science in Computer Science and Information Technology**

Tribhuvan University, Butwal, Nepal (06/2018)