

# SHASHI SHEKHAR PATHAK

Frontend Developer (React.js)

Imadole, Lalitpur, Nepal

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Portfolio: [Link](#) | LinkedIn: [Link](#)

## PROFESSIONAL SUMMARY

Frontend Developer with hands-on experience building and deploying scalable, responsive web applications using React.js and modern JavaScript. Strong foundation in component-based architecture, REST API integration, and performance optimization. Proven ability to translate business and user requirements into clean, user-focused interfaces in Agile environments.

## TECHNICAL SKILLS

### Frontend Development:

React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap

### Web & Application Development:

Single Page Applications (SPA), REST API Integration, Responsive Web Design, Mobile-First Design

### Performance & UX:

Lazy Loading, Component Reusability, SEO Optimization, Cross-Browser Compatibility, Web Accessibility

### Tools & DevOps:

Git, GitHub, GitHub Actions, Netlify, Vercel, NPM, Yarn

### Methodologies:

Agile/Scrum, Component-Based Architecture, UI Engineering

## TECHNICAL PROJECTS

### ShopMe – E-commerce Web Application (Ongoing)

Live Demo: [Link](#)

- Developed a full-featured e-commerce web application using React.js with a scalable, component-based architecture.

- Implemented dynamic product filtering and real-time shopping cart functionality using React state management.
- Optimized frontend performance through efficient API handling and lazy loading, improving page load efficiency.
- Designed responsive UI layouts ensuring seamless usability across mobile, tablet, and desktop devices.
- Deployed and maintained the application on Netlify with continuous delivery workflows.

### **Mind and Brain – Counseling Platform**

Live Demo: [Link](#)

- Built a mobile-first, fully responsive user interface for a mental health counseling platform.
- Developed interactive UI components using JavaScript to improve navigation flow and user engagement.
- Ensured cross-browser compatibility and consistent UI behavior across devices.
- Automated deployment using Netlify CI/CD pipelines, enabling rapid updates and high availability.

### **Genvest Ventures Pvt. Ltd – Corporate Website**

Live Demo: [Link](#)

- Designed and deployed a professional corporate website aligned with business branding and stakeholder requirements.
- Implemented SEO-friendly HTML structure and accessibility best practices.
- Optimized site performance and ensured compatibility across major browsers.
- Delivered a polished, production-ready digital presence for a real-world business.

### **Result Management System (Major Project)**

- Led the development of a comprehensive result management system to store, manage, and display student academic records.

- Designed the database schema and implemented secure admin and student modules.
- Built an administrative backend for result management and a student-facing portal for academic progress tracking.
- Oversaw the complete project lifecycle from system design to implementation.

### **Pharmacy Management System (Minor Project)**

- Developed a desktop application to automate pharmacy operations including inventory, sales, and customer management.
- Implemented stock tracking features such as expiry dates, reorder levels, and quantity monitoring.
- Built a billing system and reporting module for sales and inventory analysis.

### **Automatic Irrigation System**

- Engineered an automatic irrigation system using an Arduino microcontroller to optimize water usage.
- Integrated soil moisture sensors to trigger automated watering based on real-time soil conditions.
- Designed the hardware circuit, programmed the controller, and calibrated thresholds to prevent over- and under-watering.
- Achieved improved water conservation and healthier plant growth through automation.

## **EDUCATION**

### **Bachelor of Engineering in Computer Engineering**

National Academy of Science and Technology (NAST), Dhangadhi  
Affiliated to Pokhara University

### **+2 Science**

National Academy of Science and Technology, Dhangadhi

### **SEE**

Gyan Niketan English Boarding School, Dhangadhi

## CERTIFICATIONS & TRAINING

- **Front-End Web Development Professional** – React.js, Tailwind CSS, Advanced JavaScript
- **ICT Project Management** – Agile/Scrum methodologies and project lifecycle management