



SHARMILA SHAHI

AI ENGINEER & FULL-STACK SOFTWARE DEVELOPER

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FULL-STACK DEVELOPMENT • DATABASE SYSTEMS • API INTEGRATION • AI / ERP DEVELOPING FOCUS

01 / PROFESSIONAL SUMMARY

AI Engineer and Full-Stack Software Developer with verified project experience across Next.js and React applications, PHP and MySQL systems, API integrations, responsive interfaces, and database-driven workflows. Currently developing deeper capability in Python, machine learning, AI integration, ERP architecture, and business process automation.

02 / TECHNICAL SKILLS

LANGUAGES

JavaScript • TypeScript • PHP • SQL • Python / DEVELOPING

FRAMEWORKS & LIBRARIES

Next.js • React • Tailwind CSS • Bootstrap • Framer Motion • Lenis • Three.js • Chart.js • TCPDF

BACKEND & DATA

Laravel / WORKING KNOWLEDGE • WooCommerce REST API • Resend • API Integration • MySQL

TOOLS

Git • GitHub • Visual Studio Code • npm • Composer • Vercel

03 / PROFESSIONAL DEVELOPMENT

FULL-STACK DEVELOPMENT & AI ENGINEERING

CURRENT FOCUS

Independent Technical Projects

Building full-stack applications while expanding into AI-enabled and intelligent software.

- Developing responsive Next.js and React applications.
- Building PHP and MySQL role-based, database-driven workflows.
- Developing Python, data-processing, and machine-learning integration capability.

ERP & BUSINESS SYSTEMS

DEVELOPING SPECIALIZATION

Professional Development Focus

Developing structured business software skills around workflows, operational data, role-based systems, reporting, and process automation.

- Applying workflow patterns across administrative and content-management systems.
- Keeping ERP architecture distinct from completed public project implementations.

04 / SELECTED PROJECTS

SKYWALK BHEDETAR

CLIENT PROJECT / PROJECT CONTRIBUTION

Tourism & Adventure Destination Website

Responsive destination website presenting attractions, visitor information, visual content, media, and contact and map information.

JANJYOTI SECONDARY BOARDING SCHOOL

EDUCATION WEBSITE / PROJECT CONTRIBUTION

Education / School Website

Structured school website presenting institutional information, academic content, notices, activities, gallery content, and contact information.

BISHWABANDHU PORTFOLIO

PORTFOLIO PROJECT / PROJECT CONTRIBUTION

Professional Portfolio Website

Responsive professional portfolio designed to present identity, work, capabilities, and contact information through a clear visual hierarchy.

AI SATHI

PERSONAL PROJECT / PERSONAL PROJECT DEVELOPER

Personal AI / Assistant Interface Project

Personal project exploring conversational interface design, structured chat workflows, and AI-oriented user experience.

05 / EDUCATION

B.TECH IN INFORMATION TECHNOLOGY

2023 - PRESENT

Lumbini Technological University

Coursework and applied study across software engineering, web development, databases, Python programming, system analysis and design, and management information systems.