

SCHOLES KARMACHARYA

Lalitpur, Nepal

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in frontend and full-stack web development, software quality assurance, and web application testing. Experienced with React.js, Next.js, JavaScript, Node.js, Express.js, MongoDB, SQL, WordPress, and Python. Practical experience in QA test execution, test case preparation, bug identification, API testing, debugging, responsive web design, and developing academic, internship, and personal software projects.

EDUCATION

Himalaya College of Engineering (HCOE) | Lalitpur, Nepal

B.Sc. Computer Science and Information Technology (B.Sc. CSIT), Graduated 2026

New Horizon Institute (NHI) | Devinagar, Butwal

Intermediate (ISC), 2021

New Horizon English Boarding Higher Secondary School | Butwal

Secondary Education (SEE), 2021

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python, SQL

Frontend Development: HTML, CSS, React.js, Next.js, Tailwind CSS, Responsive Web Design

Backend Development: Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL, SQL

Quality Assurance: QA Testing, Test Execution, Test Case Design, Functional Testing, Regression Testing, Negative Testing, Bug Reporting, API Testing

Tools & Practices: Git, GitHub, Postman, WordPress, Debugging, SDLC, STLC, Problem Solving

EXPERIENCE

Vanilla Transtechnor Pvt. Ltd. | Quality Assurance Intern 3+ Months

- Performed QA testing, test case execution, bug identification, and defect reporting for FinTech and remittance-related application modules.
- Conducted functional, regression, negative, and API testing across SIT and UAT environments.
- Tested transaction, reporting, payment-processing, and user-management functionality and documented reproducible defects.

NIT Legend | React Developer Intern 45+ Days

- Developed responsive web interfaces using React.js, JavaScript, HTML, and CSS.
- Worked with reusable React components, responsive design, frontend implementation, and debugging.

PROJECTS

Ghumne - Nepal Explore Platform | *Next.js* | *React* | *Tailwind CSS*

- Developed a modern travel and exploration platform focused on discovering destinations and experiences across Nepal.
- Built reusable interface components and structured destination pages with responsive layouts for desktop and mobile users.

Bejeweled - Online Jewelry Store | *Next.js* | *React* | *Tailwind CSS* | *MongoDB* | *Backend*

- Developed an e-commerce platform for browsing jewelry products with responsive product, category, and shopping interfaces.
- Integrated MongoDB and backend functionality for storing, retrieving, managing, and searching product data.

Online Beverage Store | *WordPress*

- Developed an online beverage store using WordPress with organized product pages, navigation, and responsive layouts.

Chiya Bagan | *React.js* | *HTML* | *CSS* | *JavaScript*

- Built a responsive React project during the NIT Legend internship using reusable components and interactive frontend functionality.

Food Recipe Generator Using CNN | *Python* | *CNN* | *Flask* | *OpenCV* | *NumPy*

- Collaborated on a group academic project that detects vegetables from uploaded images using a CNN and recommends relevant recipes.
- Worked with image preprocessing, classification, model evaluation, and integration with a Flask-based application.

NEA Website Redesign and Enhancement | *HTML* | *CSS* | *JavaScript* | *PHP*

- Redesigned and enhanced the Nepal Electricity Authority website as a university project with improved navigation and additional features like Added electricity bill information and payment-tracking functionality while improving usability and content presentation.

Simple Streaming Platform | *HTML* | *CSS* | *JavaScript*

- Created an early frontend project inspired by a streaming interface to practice webpage structure, styling, navigation, and basic JavaScript interactions.

CERTIFICATIONS & PARTICIPATION

- Participation in Web Development
- Participation in WordPress Development
- Skill Hackathon Participant

EXTRACURRICULAR ACTIVITIES

- Member of IT Club
- Participated in Skill Hackathon

INTERESTS

- **Quality Assurance (QA):** Software Testing, Test Execution, Test Case Design, Bug Reporting, Functional Testing, Regression Testing, and API Testing
- **Web Development:** Frontend Development and Full-Stack Development
- **Responsive Web Design:** Building responsive and user-friendly websites
- **Debugging & Problem Solving**
- **Exploring New Technologies**