Suman Kshetri

contact@sumankshetri.com.np   www.linkedin.com/in/suman-kshetri   www.sumankshetri.com.np

Education

Institute of Engineering Purwancal Campus   Dharan, Nepal

Bachelor's in Computer Engineering   Expected Graduation Date: 2028

Work Experience

Web Development Intern   Jan 2026 - Present

Rent SEO Brain Agency

- Assisted in developing and maintaining client websites using modern web technologies.
- Implemented responsive layouts, optimized performance, and ensured cross-browser compatibility.
- Collaborated with the team to troubleshoot issues, deploy updates, and integrate new features.
- Supported SEO-related web improvements to enhance site visibility and user experience.

Developer   Feb 2026 - Present

ACES (Association of Computer Engineering Students)

- Developed and maintained internal websites and platforms to support student-led tech initiatives.
- Managed GitHub repositories, version control, and collaborative workflows for multiple projects.
- Coordinated technical teams, implemented tools, and supported system design for workshops and events.
- Led deployment, troubleshooting, and optimization of web resources for smooth functionality.

Vice Technical Head   Feb 2025 - Feb 2026

ACES (Association of Computer Engineering Students)

- Leading technical planning and execution of student-led technology initiatives
- Coordinating technical teams for workshops, events, and projects
- Supporting system design, tooling, and technical decision-making for events

Technical Manager   Dec 2025 – Feb 2026

Taranga – The Wave of Technology

- Managing overall technical operations for the flagship technology festival
- Overseeing event infrastructure, technical logistics, and coordination
- Ensuring smooth execution of technical sessions, competitions, and platforms

Projects

Portfolio Website

Next.js | TypeScript | Tailwind CSS | GSAP

- Designed and developed a fully responsive personal portfolio to showcase projects, skills, and technical experience.
- Implemented smooth animations and scroll-based interactions using GSAP for enhanced user engagement.
- Built with Next.js and TypeScript using a scalable component-based architecture.
- Optimized performance, routing, and SEO for production deployment.

Focus Portal

MERN | TypeScript | Socket.IO | JWT | Cloudinary | Tanstack Router | Tanstak Query

- Built a full-stack educational collaboration platform enabling Q&A discussions, threaded comments, and structured study material management.
- Implemented secure JWT-based authentication with email verification, role-based access control, and encrypted password handling.
- Integrated real-time notifications and live updates using Socket.io to enhance user engagement and collaboration.
- Developed scalable RESTful APIs with Node.js, Express, and MongoDB, and integrated Cloudinary for cloud-based file storage.

Todo App

MERN Stack | TypeScript | Redux Toolkit | JWT | Google OAuth

- Built a production-ready MERN application with email/password and Google OAuth authentication.
- Implemented JWT-based access & refresh tokens for secure session management.
- Developed a responsive React frontend with Redux Toolkit and protected routes.

Image-Tools

React | TypeScript | Tailwind CSS

- Created a web app to merge images with custom cropping, overlays, and QR code generation.
- Designed a responsive and modern UI using Tailwind CSS.
- Optimized client-side image processing for better performance.

Skills

Full-Stack	NextJS, GSAP, React, Node.js, Express, MongoDB, Tanstack Router, Tanstack Query
Languages	JavaScript, TypeScript, C++, C,Python
Cloud/DevOps	Docker, Github Actions
Others	Git, Github, Postman