Suman Kshetri

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Education

Institute of Engineering Purwancal Campus   Dharan, Nepal
Bachelor's in Computer Engineering   Expected Graduation Date: 2028

Work Experience

Vice Technical Head   2024 - Present
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   2024 – Present
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

Graphics Designer   2023 – 2024
ACES TechFest 7.0
- Designed promotional graphics, posters, and digital media assets
- Collaborated with the creative team to maintain brand consistency
- Supported event marketing and online presence through visual design

Projects

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   React, Node.js, Express, MongoDB
Languages   JavaScript, TypeScript, C++, C,Python
Cloud/DevOps   Docker, Github Actions
Others   Git, Github, Postman