Prajwal Shrestha

shresthaprajwal076@gmail.com • 9761805654
Portfolio: https://prajwalol.netlify.app/

EDUCATION

King's College - Kathmandu, Bagmati Province
Bachelor of Science in Computer Science, Class of 2028
GPA: 3.84/4.00

RELEVANT EXPERIENCE

Xprin Technology, Kathmandu, Bagmati Province
Frontend Developer | September 2022 – Present

- Engineered and deployed three fully responsive web pages, improving site loading speed by 35% through optimized HTML, CSS, JavaScript, and Preact.
- Integrated APIs that cut data retrieval time by 40%, enhancing real-time user interactions and overall site performance.
- Diagnosed and resolved 700+ UI/UX issues, ensuring a 100% cross-browser compatibility rate across major browsers.
- Spearheaded performance optimizations that boosted website efficiency by 25%, leveraging best coding practices and asset management.
- Led UI/UX enhancements based on data-driven user feedback, improving user engagement and retention rates.

CLASS PROJECT EXPERIENCE

Temperature-Based Air Conditioning Control System
Team Lead | BSCS Course Project | January 2025 - February 2025

- Led a 4-person team to develop and simulate an Arduino-based automated AC control system, ensuring activation at precise temperature thresholds.
- Designed and implemented control logic using Arduino IDE, achieving 100% accurate temperature-based activation in simulated conditions.
- Assigned team roles strategically, ensuring on-time project completion
- Explained Arduino programming and circuit design to team members, strengthening their understanding.
- Coordinated with team members to troubleshoot technical challenges, improving system efficiency by 30%.
- Presented project findings in a structured and engaging manner, improving technical communication skills.

CAMPUS & COMMUNITY INVOLVEMENT

Software Fellowship, Pulchowk Engineering Campus
Fellow | June 2023

- Collaborated with industry mentors to develop real-world software solutions, refining problem-solving and coding skills.
- Participated in hackathons and workshops, securing top 5% ranking in coding challenges among peers.
- Engaged in peer learning and mentorship, enhancing knowledge-sharing and teamwork capabilities.
- Assisted fellow students in debugging and troubleshooting projects during hackathons.

SKILLS

Technical: HTML, CSS, JavaScript, React, API Integration, Arduino Programming

Teaching & Mentorship: Technical Writing, Code Review, Problem-Solving Guidance, Team Coordination

Tools: GitHub, Notion, Canva, Microsoft Office

Languages: Fluent in English and Nepali

HONORS AND AWARDS

First Runner-Up, Hult Prize 2025 – King's College
Winner, Inter-School Singing Competition – 8th Grade
3rd Runner-Up, Intra-School Singing Competition – 7th Grade
Ranked in the Top 5% in a coding challenge – high school