JEEVAN NEUPANE

+977-9745956296   jeevan.neupane003@gmail.com   Tokha-08,Kathmandu

Portfolio   **Github**   **LinkedIn**

SUMMARY

Computer Engineering student with expertise in web development, software development, AI, and cloud technologies. Skilled in creating responsive applications and collaborating with teams to deliver innovative solutions. Seeking opportunities to apply technical skills in impactful roles.

WORK EXPERIENCE

React Developer   Nov 2024 - Present
LOCUS 2025 Official Website Development
- Developed responsive user interfaces using React.js and Tailwind CSS, ensuring seamless functionality across devices.
- Collaborated with a team to deliver high-quality solutions aligned with project goals.

Intern - Software Development & Support   Dec 2024 - Present
Institute of Engineering (IOE)
- Assisted in the development, testing, and maintenance of the exam system, ensuring accurate data entry, functionality, and system performance.
- Contributed to documentation, user manual preparation, and training sessions, providing ongoing support to ensure smooth operation of the marks entry system.

Member - Documentation Team   Dec 2024 - Present
AWS Cloud Club
- Assisted in the development, testing, and maintenance of the exam system, ensuring accurate data entry, functionality, and system performance. Contributed to documentation, user manual preparation, and training sessions, providing ongoing support to ensure smooth operation of the marks entry system.

EDUCATION

Bachelor of Engineering in Computer Engineering   Apr 2022 - Apr 2026
Pulchowk Campus, Tribhuvan University
- **Relevant coursework** : Computer Programming, Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Operating Systems, Theory of Computation, Artificial Intelligence, Software Engineering, Computer Organization and Architecture, Embedded Systems, Digital Logic, and Microprocessor.
- Completed four semesters with an average grade of **83.48%**, achieving individual semester marks of 84.69%, 80.92%, 83.43%, and 84.89%

Higher Secondary Education (+2)   2018 - 2021
Xavier International College
- Completed Higher Secondary Education in Science with a GPA of 3.63

Secondary Education Examination (SEE)   2017 - 2018
Shuvakamana English Boarding School
- Achieved a GPA of 3.85.

PROJECTS

VITON (Virtual Try-On)   Nov 2024
Try Before You Buy – Virtually see how clothes fit with your image!

- Allow user to select and wear the clothe virtually on 2d images.
- Technology Used: **Deep Learning , Pytorch , FastAPI , ReactJs**
- **GitHub Repository**

VIDEO CONTENT GENERATOR   OCT 2024
AI-powered Education: Create Engaging Learning Videos.

- Developed using **Next.js, FastAPI**, and **DALLE-2**.
- Empowers educators to create engaging and dynamic video content.
- **GitHub Repository**

AUTO-GRADER   Nov 2023
Automating Assessments: Instant Grading and Feedback with AI.

- Developed using the **MERN stack** and **OpenAI API**.
- Automatically checks and provides immediate feedback for assessments.
- **GitHub Repository**

INFLUENCER-INSIGHT   May 2024
Advanced Comment Analysis and Feedback Platform for Influencers
- Built with **ReactJS, FastAPI,** and a **BERT-based deep learning model** for comment analysis.
- Provides sentiment analysis, recommendations, and an interactive dashboard for influencers.
- **GitHub Repository**

HEART DISEASE CLASSIFICATION   SEPT 2024
Empowering healthcare with data-driven heart disease predictions.

- Predicting heart disease risk using machine learning for better medical decision-making.
- Created using **Pandas, NumPy, scikit-learn, Matplotlib, Seaborn**
- **GitHub Repository**

AWARDS AND ACHIEVEMENTS

Accepted Participant | APIE Camp @UB 2025
- Chosen for the Asia Pacific Internet Engineer (APIE) Program to enhance network skills and career development.
- Event set for February 10–14, 2025, at Universitas Brawijaya, Malang, Indonesia.

Winner | Data Science and AI Track, KU Hackfest 2024
- 1st Place Winner out of 9 teams in the Data Science and AI Track at the KU Hackfest 2024.
- Demonstrated expertise in data science and AI by developing innovative solutions in a competitive environment.

Winner | Best AI Integration, Hackademia 2.0 (2024)
- 1st Place Winner for Best AI Integration out of 17 teams at Hackademia 2.0 (2024).
- Recognized for exceptional use of AI technologies in project development and integration.

Winner | Best Presentation, Hackademia 2.0 (2023)
- 1st Place Winner for Best Presentation at Hackademia 1.0 (2023).
- Awarded for delivering the most impactful and engaging presentation out of the participants.

CERTIFICATIONS

Understanding the Internet (Keio University and APIE)

- Acquired foundational knowledge of the Internet, including its history, architecture (LAN, IP, DNS), data transmission, and cybersecurity concepts like encryption and PKI.
- Explored global Internet governance, cloud computing, research networks (REN), and addressed modern challenges like scalability, trust, and accessibility.
- **Show Credential**

Operating the Internet (Keio University and APIE)

- Gained expertise in planning and configuring networks, including IP addressing, subnetting, NAT, and DNS using BIND.
- Learned network troubleshooting techniques, Layer 1 and Layer 2 designs, IPv6 fundamentals, and security measures in networking.
- **Show Credential**

Modern React with Redux (Udemy)

- Mastered React fundamentals, including JSX, reusable components, state management, forms, and API integration. Explored advanced concepts such as Hooks, Context System, and portals.
- Gained in-depth knowledge of Redux Toolkit, including multiple slices, async thunks, and Redux Toolkit Query, along with TypeScript integration and React Router for navigation and data fetching.
- **Show Credential**

Introduction to Open Source(IBM)

- Learned the fundamentals of open source software, its significance, and best practices for contributing to open source projects, including selecting projects, collaboration, and various contribution methods.
- Gained expertise in using open source tools like GitHub, setting up and hosting open source projects, managing licensing, and building governance and leadership within an open source community.
- **Show Credential**

SKILLS

Programming Languages: C/C++,Javascript, Typescript,Python
Frontend Technologies : React.js, Next.js, Redux
Backend Technologies: Node.js, Express.js, FastAPI, Socket.io
Database Management: MongoDB ,SQL (MySQL)
AI/ML Tools: Numpy, Pandas, Scikit-learn, Matplotlib, Pytorch
DevOps & Cloud Tools: Docker, AWS
Operating Systems: Linux (Ubuntu,CentOS)

LANGUAGES

Nepali: Native
English : Fluent (Professional working proficiency)
Hindi: Conversational