OJASH OSTI

SOFTWARE ENGINEER | 6TH SEM | 3RD YEAR

44600 | KATHMANDU | **OJASHOSTI@GMAIL.COM** | +977 9863439559

Education

FLUORESCENT SECONDARY SCHOOL

SEE, +2 | Physics in High-School | 2009 A.D. – 2022 A.D.

Earned a 3.8 GPA in SEE examination, 2020 and an A grade in +2 examination, 2022

NEPAL COLLEGE OF INFORMATION TECHNOLOGY

Software engineering | 3rd year | 2023 A.D. - Present

Experiences

Basic Projects of Robotics & Automation | 23rd November, 2019 – 25th November, 2019

- Developed a scaled smart city featuring monorails, hyperloop prototypes, smart lighting, and automated traffic systems.
- Gesture-performing humanoid with servo motors and speech features.
- Designed a self- driving car model with object detection and auto-navigation.
- Built a home automation system for remote controling home devices.

NOSKATHON LITE | 12th January, 2025 – 13th January, 2025 | Participant
- Intracollege hackathon organized by the Nepal Open Source Klub (NOSK) and hosted at NCIT which brought over 50 teams to develop innovative solutions under three key themes:
- Open Source for Change
- Climate Action through Technology
- AI for Good

Freelancing & website development | feb 2024 – Present

- Developed and maintained multiple client-facing websites using modern front-end technologies (JavaScript, React)
- Led website redesign projects that improved user engagement and reduced bounce rates.
- Collaborated with UI/Ux designers to translate Figma/Adobe XD designs into pixel-perfect interfaces.
- Optimized websites for performance, accessibility, and SEO.
- Participated in code reviews, agile scrums, and client meetings to deliver high-quality solutions.

Projects

- Built a real-time multiplayer chess application with game logic and chat features using Socket.IO, Node.js, and React.
- Developed a video streaming service with live broadcasting and implemented features like live chat, multi-user view and media server integration using WebRTC, OBS and Node.js backend.

Technical Skills

- Machine Learning & AI tranning
- Frontend devlopment (TailwinCSS, JavaScript , TypeScript, React js , Laravel)
- UI/Ux designer
- Graphic designing
- Video Editing
- Wordpress deve/loper

Other Skills & Abilities

- Public Speaking
- Problem solving ability
- Interpersonal Communication
- Attention-to-detail

Interests

- Game testing
- App testing
- Graphic Designing
- Content Creation

Hobbies

- Gaming / Streaming
- Content Creation
- Chess / Basketball
- Reading Books
- Learning New Skills

Socials

- Facebook
- Instagram
- LinkedIn