

OJASH OSTI

SOFTWARE ENGINEER | 7th SEM | 4th YEAR

44600 | Kathmandu | ostiojash2061@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)
- Achieved an A grade in +2 examination (2022)

Nepal College of Information Technology

Software Engineering | 4th 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.
 - Built a 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 control of home devices.
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NOSKATHON LITE

12th January 2025 – 13th January 2025 | Participant

- An intercollege hackathon organized by Nepal Open Source Klub (NOSK) at NCIT.
- Participated under key themes:
 - Open Source for Change
 - Climate Action through Technology

- AI for Good
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Freelancing & Website Development

Feb 2024 – Present

- Built and maintained multiple client-facing websites using JavaScript and React.
 - Led redesign projects that improved engagement and reduced bounce rates.
 - Converted Figma/Adobe XD designs into pixel-perfect interfaces.
 - Optimized websites for speed, SEO, and accessibility.
 - Participated in code reviews and agile development meetings.
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Certification

AWS Academy Graduate - Cloud Foundations - Training Badge

Digital Marketing -3 Days Training

NOSKATHON LITE- Intercollege hackathon organized by NOSK

Projects

- Built a **real-time multiplayer chess app** with game logic and chat using Socket.IO, Node.js, and React.
 - Developed a **live video streaming service** with live chat, multi-user view, and WebRTC media server integration.
 - Created an **online math-solving platform** (derivatives, integrals, simplification, limits, etc.) using React and Node.js.
 - Built a **Weather Dashboard** application providing real-time weather data using React.js and a Weather API.
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Technical Skills

- Frontend: Tailwind CSS, JavaScript, Typescript, React.js
 - Full-Stack Development
 - Backend: Node.js, Express.js
 - UI/UX Design
 - Graphic Designing
 - Video Editing
 - WordPress Development
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Other Skills & Abilities

- Public Speaking
 - Problem-Solving
 - Interpersonal Communication
 - Attention to Detail
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Interests

- Game Testing
 - App Testing
 - Graphic Designing
 - Content Creation
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Hobbies

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

- [Portfolio](#)
- [Instagram](#)

- [LinkedIn](#)
- [GitHub](#)