

Aashutosh Dahal

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Education

University of Wolverhampton (Herald College Kathmandu)

Bachelors of Science in Computer Science, 2022-2025

Naxal, Kathmandu

Uniglobe SS/College

NEB Board with Science (Physics) major

Kamaladi, Kathmandu

2022

Experience

ING Skill Academy (Skill Museum and Research Center)

Frontend and Spatial Computing Intern

Kathmandu, Bagmati

May 2024 – December 2025

- Developed an Interactive riddle game for event at Kavya College, enhancing engagement and logical thinking among participants
- Organized events such as Herald PUBG and Islington Mario as a part of a large scaled events team, improving event coordination and leadership skills
- Completed 3D web development course and supported the initial development of the Skill Museum and Research Center's 3D website and later took over the project
- Showcased innovative projects from SMArc at the Futurama event hosted at Islington College, Herald College and Apex College, increasing visibility and outreach
- Integrated AR and 3D technologies to design dynamic web application for the brochures and leaflets for Islington College Kathmandu
- Created AR experiences using libraries such as Google Model Viewer, three js and A-frame and Mind AR, expanding proficiency in WebAR tools and development
- Showcased the Final Year Project and AR project in the BIC Experience event at Biratnagar International College alongside training of volunteers about the project
- Led development of a Gamified Cybersecurity Learning experience using React Three Fiber and managing the team as an acting team lead
- Delivered game development classes for the Skill Enrichment Program, fostering foundational skills among participants
- Conducted web development workshop for the Global Professional Pathway Course, strengthening the digital literacy for aspiring developers
- Researched optimization techniques for augmented reality applications, aiming to improve performance and reduce latency across devices
- Worked on the Content Development for the robotics kits for grades 4-9
- Revamped the Gamified Cybersecurity learning experience in unity by collaborating with a team of individuals

V-Light IT Shop

Shop Manager

Lalitpur

2023 – 2024

- Managed Product catalog including additions, updates and inventory tracking, improving operational efficiency

Skills & Interests

Technical:

JavaScript, Python, HTML/CSS, SQL, React.js, Tailwind CSS, React Three Fiber, Node.js, Django, Git/GitHub, Postman, Swagger

Language: English, Nepali, Hindi

Aashutosh Dahal

Socials: <https://github.com/AashutoshDL>

<https://www.linkedin.com/in/aashutosh-dahal/>

<https://aashutoshdl.github.io/portfolio/>