Hari Bhusal

Nationality: Nepalese **Date of birth:** 24 Jul 1996 📞 **Phone number:** (+47) 96715852

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in **LinkedIn:** https://www.linkedin.com/in/hari-bhusal-280580179/

👤 **GitHub:** https://github.com/Haribhusal320

📍 **Home:** Herman Krags Vei 11, 7050 Trondheim (Norway)

EDUCATION AND TRAINING

Master's in Electronic Systems Design
Norwegian University of Science and Technology [23 Aug 2021 – 30 Dec 2023]

Address: Gløshaugen, 7034 Trondheim (Norway)
Website: https://www.ntnu.edu/
Thesis: Impact of Augmented Reality Sandbox on user Interactivity and Engagement

Bachelors in Electrical and Electronics Engineering
Pokhara University [1 Aug 2015 – 1 Sep 2019]

Address: Lekhnath 33700, Pokhara (Nepal)
Website: https://pu.edu.np/
Thesis: Designing a Real-Time Solar Tracking System

PROJECTS

Personal Portfolio Website
[2 Jan 2024 – 16 Jan 2024]

This website showcases my skills in front-end development using the latest technologies.

Responsibilities:

• Developed a dynamic and responsive personal portfolio website using React, Tailwind CSS, and daisyUI.

• Implemented modern design principles to showcase profile, skills, projects, and education details.

• Leveraged React for efficient component-based architecture and Tailwind CSS with daisyUI utilities for better styling.

Explore the Portfolio: https://effulgent-tiramisu-1be3aa.netlify.app/

Real-Time Solar Tracking System
[5 Apr 2019 – 1 Sep 2019]

This system helps to track the trace of sunlight with the help of altitude and azimuth angle, which will cause better alignment of the photovoltaic array and harvest the maximum solar power.

Responsibilities:

• Designed and built a real-time solar tracking system using microcontrollers and sensors.

• Conducted experiments and gathered data to validate the system's accuracy and effectiveness.

• Implemented real-time data visualization and analysis using IT tools to improve system performance.

DIGITAL SKILLS

Programming Language
Python

Front-end Technologies
HTML / CSS / JavaScript / React / Tailwind CSS / Git / GitHub

EDA Tools
Keysight ADS / Cadence Virtuoso

Miscellaneous
MATLAB

LANGUAGE SKILLS

Mother tongue(s): **Nepali**

Other language(s):

English	**Norwegian**
LISTENING C2 **READING** C2 **WRITING** C2	**LISTENING** A1 **READING** A1 **WRITING** A1
SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2	**SPOKEN PRODUCTION** A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

VOLUNTEERING

Nepal Scouts, Volunteer

[Nepal, 15 Feb 2010 – 15 Mar 2011]

Responsibilities:

• Led and implemented health programs aimed at promoting wellness and hygiene in the local community.

• Coordinated and participated in plantation initiatives to enhance the local environment and promote sustainability.

• Contributed to community beautification efforts by organizing and conducting clean-up campaigns in local areas.

• Conducted awareness programs to educate the community on the importance of environmental conservation and sustainable practices.

• Provided assistance to those in need by distributing food and clothing to families and individuals facing difficulties.

RECOMMENDATIONS

Professor

Name: Andrew Perkis
Phone number: (+47) 73592383
Email: andrew.perkis@ntnu.no

Andrew Perkis serves as a professor within the Department of Electronic Systems at the Norwegian University of Science and Technology. His primary research interests currently revolve around the convergence of art and technology, exploring content representation methods and functionality, quality assessment, and their integration into the media value chain. His practical applications center on art's role in public spaces, the intersection of design and place, sensor-driven digital storytelling, and innovative business models tailored to the creative and media industry.

Link: https://www.iet-multimedialabs.org/senseit/

Cloud Engineer

Name: Aabhusan Maharjan
Phone number: (+47) 96812010
Email: aabhusan.maharjan@signicat.com

As a dedicated Cloud Operations Engineer at Signicat, he excels in the dynamic domains of microcontainer technologies, Kubernetes, Docker, Continuous Integration/Continuous Deployment (CICD) pipelines, and cloud solutions encompassing AWS, GCP, and Azure.