

SUDARSHAN ACHARYA

avilashisudarshan@gmail.com | +977-9869083511,9813756226 | Pokhara, Nepal
linkedin.com/in/sudarshan-acharya | github.com/SudarshanBro | sudarshan-acharya.com.np

Education

Tribhuwan University, B.E. Electronics, Communication and IT 2019 - 2023
Coursework: Computer Architecture and Graphics, Artificial Intelligence, Data Structures and Algorithm, Data Mining, Information Systems, Big Data Technologies.

Technical Skills

- **Languages:** Python, C, C++, React.js
- **Frameworks:** Flutter, Figma, Tailwind CSS, HTML5, CSS3
- **Tools:** Git, MYSQL workbench, Microsoft Office
- **Soft Skills:** Time Management, Teamwork, Communication, Problem Solving, Leadership

Scholastic Projects

Project 1: Crash Detection And Alerting System

- Improvement in emergency response during accidents minimizing false triggering using IMUs, GPS, and GSM.

Project 2: Heritage in Focus: AI-based Image Captioning in Nepali Language Using CNN and LSTM

- Creating an image captioning model entailing feature extraction using CNN and LSTM models for decoding.

Research Experiences

Nepali Image Captioning: Generating Coherent Paragraph-Length Descriptions Using Transformer March, 2024
DOI: 10.36548/jscp.2024.1.006

Drowsiness and Crash Detection Mobile Application for Vehicle's Safety April, 2024
DOI: 10.36548/jismac.2024.1.005

Certificate And Grants

React.js -Basics to Advance April, 2024
Digital Pathshala, Certificate No. CN-0000-0023

Front-End Professional Advance React Developer July, 2024
Meta, Certificate No. 7J62KEQ7NTNL

Github Projects

Simple Quiz App	github.com/Quiz-App
To-Do-App	github.com/To-Do-App
Tic-Tac-Toe Game	github.com/Tic-Tac-Toe
Digital-Calculator	github.com/Digi-Calculator
Personal Blog Site	github.com/React-Blog

Achievements

Province Level Robo-Soccer Competition	Silver Medal Winner
Inter college Hackathon	Gold Medal Winner