

# Himesh Dulal

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**Summary** — A 2nd year Computer Science Student , currently developing and learning web based technologies.

## Areas of Expertise

JavaScript - TypeScript - Next.js - Remix.js - React - Express - Node.js - C - C++ - PostgreSQL - MySQL - MongoDB -  
No-Code-Tools: Framer - Webflow, UI/UX

## Professional Experience

### AR Treasure Hunt

Backend Web Developer

Sept 2024– Present

[arth24.tech](#)

I led the back-end work of the event, managing both development and deployment, API docs and database. **Major Stacks:**

**Node.js, Supabase, PostgreSQL, Docker**

### Flap

Frontend Web Developer / UI UX Designer

Nov 2023– May 2024

[flap.com](#)

I designed and developed the front-end of the website, created a responsive user-business profile and designed the administrative functions of the site. **Major Stacks: React, Redux, Figma, Node.js, MySQL**

## Education

### Kathmandu University

Bachelor of Science in Computer Science

Aggregated CGPA: 3.9 (till 2nd Sem)

Dhulikhel, Nepal 2023-2027 (expected)

### Kathmandu University High School

+2, NEB

CGPA: 3.64/4

• Event Lead: KUHS IT MEET 2022 • Represented KUHS at the National Math Olympiad : Budanilkantha Math League 2022

Chaukot, Nepal 2021-2023

### Vidhya Sagar English Secondary School

SEE

GPA: 3.9/4

Chaukot, Nepal 2021-2023

## Projects

### CMS (Classroom Management System)

Vacant classroom detection and routine rescheduler for Kathmandu University.

**Technologies Used:** C++, QT Designer, Mysqlite3

[GitHub Link](#)

### OPENAID

Smart contract and multi-sign approach for donors and NGOs.

**Technologies Used:** React, Node.js, Solana, MetaMask Wallet, MongoDB

[GitHub Link](#)

### GST (Ground Sensor Terminal)

IoT device monitoring snow, glacier levels, road visibility, and other factors.

**Technologies Used:** Arduino, ESP32, React, Node.js, MySQL

[GitHub Link](#)

## Skills

**Languages:** JavaScript, TypeScript, C++, PHP

**Database:** PostgreSQL, MySQL, SQLite3, MongoDB

**Frontend Development:** Next.js, React, Remix.js

**DevOps:** Docker

**Backend Development:** Node.js, Express

**Soft Skills:** Presentation, Design Thinking, Teamwork, Problem-Solving

## Honors and Awards

- **Duke of Edinburgh, Bronze Standard, 2020** – Recognized for completing the international youth awards program's bronze level, demonstrating skills, service, and adventure.