

Bidhan Acharya

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SUMMARY

An enthusiastic Computer Engineering undergraduate learning and building AI, ML and cross-platform applications along with strong analytical skills and collaboration talent.

EDUCATION

Bachelors in Computer Engineering

IOE Thapathali Campus | 2021 - Present

Secondary School

Horizon Gautam Buddha School | 2018 - 2020

SKILL HIGHLIGHTS

- Dart, Flutter
- NodeJs, Express
- Firebase , MySql
- C, C++,
- Python(Numpy, Pandas, TensorFlow, Keras, OpenCV, OCR, Regex,LLM)
- Html, CSS, JavaScript
- FastAPI, RestAPI, Postman
- Natural Language Processing
- QT

SOFT SKILLS: Problem Solving , Communication ,Adaptability, Creativity

EXPERIENCE

- **Organizer:** Vertex Hacks
48 Hours Long National Level Hackathon
101 Participants (23 Teams) from 5 Provinces
- **Hardware Fellowship:** LOCUS, IOE Pulchowk
Participated in 7 days long hardware fellowship
- **Flutter Internship:** Codynn
Completed a 3-month internship, gaining practical experience in building mobile applications using Flutter.

PROJECTS

‘Presentify’- Research Paper Slide Generator

An AI based web application that converts Research Paper to Presentation slides by extracting key insights on several topics. Creating dataset from scratch using web scraping with beautifulsoup4 and PyMuPdf

Face Mask Detection

A web-based application built using Streamlit, which leverages computer vision to detect the presence of face masks on individuals

Laptop Price Predictor

A machine learning-based web application built using Streamlit, designed to predict the price of laptops based on various features such as brand, processor, RAM, storage, and display type.

COVID-19 Data Tracker

A mobile application built using Flutter and integrated with RESTful API, offering comprehensive data on COVID-19 patients of various countries

Event Capture App

A robust mobile application allowing users to capture the events and write short descriptions about that event, incorporating Authentication using Google FirebaseAuth along with Firebase using Flutter

Blockchain Implementation –Javascript

A blockchain prototype built using JavaScript, demonstrating the core concepts of blockchain technology such as block creation, hashing, proof of work, and chain validation

CERTIFICATIONS

Python For Beginner and Intermediate Learners

Codebasics | Issued 2023

Skills: Python, OpenCV, OCR, Regex, FastAPI

<https://codebasics.io/certificate/CB-48-221221>

Crash Course on Python

Google | Issued 2024

Skills: Python (Programming Language)

<https://www.coursera.org/account/accomplishments/verify/9QGNZUHEVWMG>

Developing Back-End Apps with Node.js and Express

IBM | Issued 2023

Skills: Node.js, Express.js

<https://www.coursera.org/account/accomplishments/verify/RKMLEN7HDZTN>

Programming With Javascript

IBM | Issued 2024

Skills: Javascript

<https://www.coursera.org/account/accomplishments/verify/RKMLEN7HDZTN>

Introduction to Agile Development and Scrum

IBM | Issued Oct 2023

Skills: Gherkin Syntax, Kanban

<https://www.coursera.org/account/accomplishments/verify/KDXN5S6D76M8>