

Subash Kumar Yadav

AI & Machine Learning Enthusiast | Full Stack Developer | Computer Engineering Graduate

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EDUCATION

SHREE DURGA MODEL SCHOOL

Diploma in computer engineering; GPA:3.40

TU,IOE, PURWANCHAL CAMPUS, DHARAN

Bachelor in Computer Engineering, **66.3%**

Kalaiya, Bara

April, 2017-April,2021

Dharan, Nepal

May,2022: - April,2026

SKILLS SUMMARY

- **Languages:** Python, SQL, C++, Javascript, Kotlin
- **Frameworks:** Deep Learning (PyTorch),Pandas, Numpy, Scikit-Learn, Matplotlib, Node, Express, React, Next, React-native
- **Tools:** Excel, PowerPoint, MySQL, SQLite, MongoDB, **Blender, Threejs**
- **Platforms:** Jupyter Notebook, Visual Studio Code, IntelliJ IDEA, Antigravity
- **Soft Skills:** Rapport Building, People Management, Excellent communication

WORK EXPERIENCE

FRONTEND DEVELOPER

Aug,2024-Sept,2025

- worked as Frontend Developer in a Start up named Codent Innovations Pvt. Ltd.
- Worked on different projects which included a **hospital web portal** enabling to search doctors based on the body part, affected organs and by symptoms of diseases.
- Built a **digital board** which includes **digital citizen chartards, hotel digital board**.
- Built **digital citizen chartered** for hospital.

Backend Engineer Intern

Oct,2024-Sept,2025

- Worked as a Backend Developer intern in the same company/startup with some responsibilities.
- Fulfilled the api for the hospital and mainly worked on calculative things. I worked on api for the hotel Chartards.
- Built documentation using swagger
- Testing of api using Thunderclient and Postman

AS Mentor

Oct,2023-Sept,2025

- Mentored 30+ students in web technologies under ACES

PROJECTS

Image Colorization | [LINK](#)

- Achieved a 78% accuracy rate in image colorization performance on test dataset by developing.
- Backend is written in both Express and Python enabling user to store both colorized and raw image for history tracking with label and make it easy to download.
- Making easy for user by developing front end in Reactjs and styling with tailwind css.

P2Tracker | [LINK](#)

- Developed an Android application to **track daily schedules, tasks, and long-term challenges**, improving user productivity and time management
- Implemented **alarm-based task reminders** and **real-time progress tracking** to monitor daily performance
- Designed a dynamic **wallpaper generation system** displaying completed vs remaining days with a **visual progress bar adapted to screen size**
- Built a **Focus Mode (DND integration)** that restricts distractions and tracks time spent on specific tasks, allowing only critical task alarms

News Aggregator | [LINK](#)

- Developed a **Streamlit-based web application** to aggregate and analyze news articles based on user queries in real time
- Designed an **NLP pipeline** using **spaCy** for **Named Entity Recognition (NER)** to extract key entities such as people, organizations, and locations
- Implemented **sentiment analysis** using **VADER** to classify news content into positive, negative, and neutral trends
- Generated **actionable insights from unstructured news data**, enabling users to quickly understand topic sentiment and key entities

SessionMessage | [LINK](#)

- An unknown Message sending platform based on whether user is accepting messages or not
- Users can sign up and send their generated link to other so that they can send message to him/her.

CERTIFICATES/Experiences

The Hard Parts of Object Oriented JavaScript | [LINK](#)

APPRECIATION CERTIFICATE FOR Mentoring | [LINK](#)

Jan 31, 2025

June 23, 2024