

Dil Bahadur Chhetri

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PROJECTS

SMS (Student Management System)

- A Student Management System showcasing the implementation of MVC and DAO for HTTP requests.

Android Weather App

- Android weather app built using Java and open weather API. Showcase the current weather and forecast for the entire 24-hour day.
- Well Structured using a data model for data representation.

Object Detection(YOLOv8)

- Object Detection using YOLOv8 identifying 5 indigenous Nepali Items (Doko, Karuwa, khukuri, Gagri, Dhaka Topi).
- Detection through image or video upload, real-time detection via the webcam.
- Flask framework and YOLOv8 algorithm used.
- Accuracy over 88%.

Match Prediction

- Premier League match prediction using data scraped from the Premier League website.
- A model trained on parameters of data such as formation, venue, opponent, teams etc. for prediction.
- Predicted output on a web app using the Django Framework.

Password Manager

- Web App using the Django Framework for password management.
- Hashing Technique to secure the stored credentials.

Eccom (E-commerce)

- E-commerce application with Admin Dashboard for Scalability of categories and products.
- Laravel Framework and MySQL as the application database.
- Stripe payment gateway API integrated as a mode of payment.

Commux (Group Chat Portal)

- Group Chat Portal real-time communication in Group.
- Unique Group codes of random characters and digits are used to join the group.
- Ajax is used to give the dynamic nature to the web application.

File Compression

- Huffman coding algorithm for .txt file compression.
- SQL database is used for storing the compressed and decompressed data.
- Compression Reduces the size by 90% with no data loss.

Education

Bachelors in Computer Application

D.A.V. College (2019)

SKILLS

Programming: Java, C#, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, .NET, ASP.NET, Php, Laravel, SQL, NoSql

Tools: Android Studio, IntelliJ, PyCharm, Visual Studio, Jupyter Notebooks, Git, Bootstrap, Spring Boot