PRATIK ROSHAN SHAH

Chakupat, Lalitpur

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Highly motivated and skilled Computer Engineering graduate with a strong foundation in Python, Dart, and Image Processing. Experienced in developing mobile applications, web applications and implementing machine learning models, while demonstrating excellent problem-solving and communication abilities.

EDUCATION

Lalitpur Engineering College   **Dec, 2018 – Apr, 2023**

Bachelor in Computer Engineering   *Chakupat,Lalitpur*

PROJECTS

Apothecary:Plant Identification | *Dart*
- Designed and developed a mobile application capable of efficiently identifying different flowers and plants
- Implemented **Dart** programming language along with **Flutter** framework for the frontend development
- Leveraged **Python** with **Image Processing** algorithms to distinguish between flowers or plants
- https://github.com/pratik-roshan/Major-Project.git

Flower Identification | *Python, Image Processing*
- Developed a robust model capable of accurately identifying various types of flowers
- Implemented **Python** programming language and employed **Image Processing** techniques to preprocess and analyze flower images for classification
- Leveraged the **VGG16** model to improve the accuracy of flower recognition i.e, about **83%**
- https://github.com/pratik-roshan/Image-Processing-VGG16.git

Patient Management System | *Python*
- A speech recognition-based desktop application designed to streamline patient information retrieval
- Implemented **Python** programming language and leveraged speech recognition modules to convert spoken input into text data for processing
- https://github.com/pratik-roshan/Minor-Project.git

SKILLS

Languages:– Python, Dart, HTML, CSS, C/C++

Technologies/Frameworks:– Django REST Frameworks, Flutter, MySQL, MS SQL, MS-Word, Figma

Non-technical:–Problem Solving, Active Listener, Good Communication

AWARDS

Golden Jubilee Scholarship 2018–19 Recipient   **March, 2019**

Embassy of India, Kathmandu

5 Days of Git & GitHub   **Jan, 2022**

Microsoft Student Ambassadors