

PRATIK ROSHAN SHAH

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Energetic and proficient Computer Engineering graduate with a solid background in Programming and Database Management Systems. Adept at crafting mobile and web applications, as well as implementing machine learning models. Possesses strong analytical skills and effective communication capabilities.

EDUCATION

Lalitpur Engineering College

Dec 2018 – Apr 2023

Bachelor in Computer Engineering

Chakupat, Lalitpur

EXPERIENCE

Aqore Software Pvt. Ltd.

Apr 2024 – Jun 2024

SQL Developer Intern

New Baneshwor, Kathmandu

- Analyzed and Documented **Client Requirements**
- Developed and Optimized **Stored Procedures** in **MS-SQL**
- Designed database diagrams and created tables to **support application functionality**

AMNIL Technologies

Jan 2024 – Apr 2024

Python Developer Intern

Jhamsikhel, Lalitpur

- Developed **APIs** using **Flask** framework and conducted testing using **Postman**
- Managed **PostgreSQL** databases and utilized **Docker** for containerization
- Gained comprehensive knowledge of Python from basics to an advanced level

Prodigy Infotech

Nov 2023 – Dec 2023

Data Science Intern

Online

- Accomplished data analyst skills in creating insightful visualizations and conducting exploratory data analysis
- Proficient in building decision tree classifiers and analyzing sentiment patterns in social media data

PROJECTS

Library Management System | Python

- Designed and implemented a comprehensive database schema using **PostgreSQL**, developed RESTful APIs for user, book, and borrowing functionalities using **Django**, achieving seamless **CRUD** operations across all models

Apothecary: Flower Identification | Dart, Python

- Developed a flower and plant identification mobile app using **Dart**, **Flutter**, and **Python**, incorporating **Image Processing** algorithms and the **VGG16** model to achieve **83%** accuracy in species recognition

Patient Management System | Python

- Developed a **Python**-based desktop application using **speech recognition** and **MySQL** to streamline patient information retrieval by converting spoken input into text data for processing

SKILLS

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

Technologies/Frameworks:– AWS, MS-SQL, MySQL, PostgreSQL, Django, Docker, Flutter, Flask

Non-technical:– Analytical Thinker, Meticulous, Collaborative, Visionary, Rapid Assimilator

AWARDS/CERTIFICATIONS

AWS Cloud Practitioner Essentials

Nov 2023

Amazon Web Services

Golden Jubilee Scholarship 2018–19 Recipient

Mar 2019

Embassy of India, Kathmandu