Kumud Shrestha

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ACADEMIC QUALIFICATION

Kathmandu Engineering College

Bachelor of Computer Engineering, OCT 2019 – JUNE 2024

ACADEMIC PROJECT

Title: Image Steganography
Team Size: 4
Brief Description: Executed a comprehensive project leveraging Flutter for the frontend and Flask with Python for the backend. The system delivers a seamless and responsive user interface using Flutter while Flask handles backend functionalities with Python.
Individual Role: My primary role encompassed front-end development and testing using Postman, ensuring a robust and user-friendly system.

Title: Electricity consumption analysis and prediction
Team Size: 4
Brief Description: Implemented a comprehensive electricity consumption analysis and prediction system using Streamlit for the frontend and establishing backend functionality with Python. Streamlit ensures a seamless and intuitive user interface, while Python handles robust backend operations.
Individual Role: While my primary responsibility involved developing an intuitive user

interface using Streamlit, I also dedicated significant effort to backend development. I ensured robust data collection, integration, and processing pipelines that seamlessly connected to the frontend, enabling smooth interaction and reliable data flow. This comprehensive approach allowed me to design and implement efficient, end-to-end solutions that addressed complex challenges effectively.

MONAL TECH

Web Development Intern, Feb,2024- Mpril, 2024
Worked in collaboration with senior developers using React, Node, HTML, CSS for the development of website and GitLab for version control.

TECHNICAL SKILLS

- Web Development: (HTML & CSS, JavaScript)
- Programming language: Python, C++, C, React
- App Development: Flutter(Front end)
- Database Design and Development: SQL
- Software Documentation: Microsoft Word/ Google Docs

- Version control: Git

Languages

• English(Fluent) • Nepali(Native) • Hindi(Fluent)