Prajjwal Pandey

Kathmandu, Nepal

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Education

- **Bachelors Degree in Computer Engineering** **2021-Present**
  Pulchowk Campus, Tribhuvan University, Lalitpur, Nepal

- **School Leaving Certificate** **2019**
  Kathmandu Model College, Kathmandu, Nepal

Work Experience

- **Research and Project Coordinator** **2023-Present**
  SEDS Pulchowk, Lalitpur, Nepal

- **Graphic Designer and Developer** **2022-2024**
  LOCUS, Nepal

Skills

- Python: Numpy, pandas, scikit-Learn, TensorFlow, Matplotlib, SeaBorn.

- Database Management System: SQL, MongoDB.

- Technical Knowledge: Git, React, AWS, Linux, Windows.

Projects

- **Music Stem Extraction** **Ongoing Major Project, Pulchowk Campus**
  Developing an advanced system to isolate individual instrumental and vocal tracks from mixed audio recordings.

- **HostelHUB** **Minor Project, Pulchowk Campus**
  MERN Stack Project that supports the hostel administrationa and management.

- **Applied Data Science Projects at WorldQuant University**
  Projects on Housing, Air Quality and Earthquake Damage.

- **Assigned Projects**
  Hospital Management System(C Programming). Brick Breaker(C++ Game), (Data Structure and Tree Visualization in C++), (Final Year Project Management, MERN Stack Project), (Self Organizing Map, AI Project), (University Network Cisco Packet Project)

Certifications

- AWS Academy Graduate - AWS Academy Cloud Foundations

- Applied Data Science, WorldQuant University

Awards and Achievements

- **All Nepal Rank 11**, IOE Entrance Examination **2019**

- **Mahatma Gandhi Scholarship**, Indian Embassy **2017-18**

Accomplishments

- Instructor at "LOCUS Software Fellowship 2025" **2024**

- **LOCUS CUP Coordinator** of LOCUS 2023 and 2024, Nepal **2023-24**

- **Design Chief** of LOCUS 2024, Nepal **2023-2024**

- **Secretary** of GAP Student Society, Pulchowk Campus, Nepal **2023-2024**

- Author of Pre-Engineering Entrance Book, BEATS Engineering, Nepal **2020**

- **President** of Boys Scout, New Horizon Higher Secondary School, Nepal **2016-2017**