EDUCATION

Bachelor in Computer Engineering
Pulchowk Campus, IOE, Tribhuvan University

2012 - 2016
Aggregate Score: 70.56% (First Division)

+2 Science
SOS Hermann Gmeiner HSS, HSEB

2010 - 2012
Aggregate Score: 79.20% (Distinction)

SKILLS

Programming Languages : Python, JavaScript, C, C++

Web Frameworks : Django, Django Rest Framework

Frontend : ReactJS, React Native, jQuery, HTML, CSS

Databases : PostgreSQL, MySQL, Sqlite

Server : AWS, Digital Ocean

Data Science : Matlab, Octave, Numpy

Other : Docker, GraphQL, Bash

ANISH SHRESTHA
SOFTWARE DEVELOPER

ABOUT ME

I'm a 26 years old Full Stack Developer currently based in Nepal. I am keen about everything that has to do with Python, Web design & development and Data Science. I feel a true devotion to become a Python Wizard. I am able to work independently as well as in teams.

WORK EXPERIENCE

JUL 2020 - ongoing

Developer | Kathmandu
Togglecorp Solutions Pvt. Ltd, Kathmandu - Nepal

With Agile and Scrum methodologies, I am currently collaborating in developing web based tools to ease humanitarian relief works.

JAN 2020 - APR 2020

Full Stack Developer | Remote
Freelance

I am active in Upwork and Fiverr. I built an improved CRM that reduced administration communication costs and improved customer information retrieval.

OCT 2018 - DEC 2019

Full Stack Developer | Remote
Unified Private Limited, Florida, US

I collaboratively built a B2C application called Workplace. With TDD and Agile methodologies, we curtailed business weight of joining incongruous domain applications by pre-assembling them, while ensuring efficient individual and bulk profit analysis.

OCT 2016 - JAN 2019

Software Developer | Kathmandu
Infiniahub Private Limited, Kathmandu, Nepal

As a Juvenile, I learned the most here. I created InfiniaStores for small-medium businesses where central agent can have complete control over several branches while reducing the overhead of order management and providing expense analysis. I increased Test Coverage by 30% for InfiniaBiz to increase resiliency of real-time communication between buying and selling agents.

CERTIFICATES

GIS and Remote Sensing
Resource Himalaya Foundation, Sanepa

Volunteering and Participation
LOCUS (National Technological Fest)

Stipend based on Merit
Institute of Engineering

MEMBERSHIP

Nepal Engineering Council

EXTRA COURSES

Introduction to Deep Learning
Instructors: Alexender Panin et al., NRU Higher School of Economics, Coursera

Machine Learning Instructors:
Andrew Ng, Stanford University, Coursera

Computational Methods for Data Analysis Instructors:
Andrew Nathan Kutz, University of Washington, Coursera

PROJECTS

Automated Facial Expression Analysis and Recognition *(Major)*

Using publicly available datasets like JAFFE, we applied Principal Component Analysis and Local Binary Patterns like feature extractors with Gabor Filters to feed into Support Vector Machine and Convolutional Neural Network classifiers. We were able to yield analytical and comparative study between applied methods.

Football Result Predictor *(Minor)*

We successfully executed our first Machine Learning project to produce a comparative analysis on techniques like Back Propagation Neural Network, KNN, Naive Bayes to predict results of games of English Premier League based on past results.