

Ojash Shrestha

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## **Education and Qualifications**

- 2019                      Massachusetts Institute of Technology (MIT)  
In collaboration with Harvard Medical School (HMS)  
**MIT-HMS Healthcare Innovation Bootcamp**
- 2013 – 2017            Kantipur Engineering College  
Affiliated to Institute of Engineering (Tribhuvan University)  
**Computer Engineering**
- 2011 – 2013            Trinity International College (High School)  
Affiliated to Tribhuvan University  
**Science (Physics and Computer Science)**
- 2008 - 2011            Paragon Public School (Secondary School)  
**Computer and Optional Mathematics**
- 2006 – 2008            British Gurkha School (Primary School)

## **Work Experience**

### **May 2021 – Current    Technical Writer, C#Corner (Part Time)**

Researched and Wrote [articles](#) on technological domains mainly focused on Machine Learning, Artificial Intelligence, Azure and more.  
Around 100 Articles have been published amassing over 340,000+ organic reads

### **References:**

[XGBoost - The Choice Of Most Champions](#)

[XGBoost 101](#)

[Azure Machine Learning - Automobile Price Prediction Tutorial](#)

[Face Detection And Recognition With Azure Cognitive Services](#)

[Creating Notebook Instance In Amazon SageMaker](#)

[Microsoft Azure AI Fundamentals](#)

[A Complete Guide To Microsoft Certified - Azure AI Fundamentals \(Exam AI-900\)](#)

**Jan 2018 – Feb 2020    Founder, Neplopers Inc.**

Worked on multiple roles as a Software Engineer and Business Development Officer  
Developed Full Stack Web Applications for SMEs and NGOs

Some of the Client Projects include [Nepal Press Freedom](#) (Nepal's Biggest Journalism Protection NGO), [Ecological Treks](#) (Trekking Web Application and Booking System), among other projects.

**May 2017 - Aug 2017    Product Owner at Insight Workshop**

Worked as Product Owner to create System Architecture for a VOIP-based product named [CoreInteract](#) for [Blue Panda Communications](#) used for Amazon Tenants.  
Some of my responsibilities included,

- Conceptualizing and Designing Product Development Methodologies.
- Manage Scrum Backlogs and Stand Ups Meetings.
- Take responsibility for ongoing development and prioritize user stories.
- Maximize the work output of the Development Team.
- Connect with the Clients and obtain their requirements and review with updates.

**Sep 2015 – Sep 2016    Microsoft Student Partner 2016**

Worked as College Ambassador of Technology for Kantipur Engineering College.  
Organized workshops, training, hosted tech events and provided Microsoft.  
Technology Training events in and out of College to a wide variety of Students such as Skype in the Classroom in Dec 2015.  
Participated in around a Dozen Hackathons, Microsoft Imagine Cup and numerous other competitions.  
Worked as a Key member to produce [Nepal Nirman Show](#) - a part of MIC Nepal and Himalayan TV Collaboration.

**Jan 2015 – Dec 2015    Executive Member of KEC Computer Club**

Worked as Executive Member of Kantipur Engineering Computer Club  
Organize Inter College Technical Competition 'LITE' – 2015, first of its kind in my College  
Acted as the Coordinator of LITE Talk Show  
Ran the Club effectively for the benefits and welfare of Students of the College.

## **May 2014 – June 2015 Founding Board Member/ Web Developer/ Human Resource Manager**

Worked as Web Developer and Designer to deliver consulting projects for SMEs.  
Supported in in-house project development and business development.  
R&D for an ecommerce website named as HappySansar.  
Programmed in Php and explored Wordpress, Prestashop.  
Managed the Entire Recruiting Process and followed up with the Employees.

## **Skills Profile**

### **Leadership**

- Won the MIT-HMS Healthcare Innovation Bootcamp Final Pitching Session with the Team for a Game Based Solution to cater Cerebral Palsy in Boston, USA.
- Acted as Team Leader of ‘Learnables’ to Win First Prize in the Microsoft Imagine Cup 2016 National Finals in the Game Category. The Team competed against the East Asian Countries Finalist to represent Nepal in Microsoft Campus, Redmond, Seattle.
- As Team Leader in 3 different Appathons Organized by MIC Nepal, UNICEF, UNDP and Google. I worked as Developer, Presenter, Designer and Manager over different scenarios leading to one of the Team ‘Neplopers’ into TOP 6 in Assistive Appathon.
- Acted as Team Leader of Team ‘Ignite’ as First Prize Winner in a Hack-a-thon ‘HackClash 2016’ organized by California based Google Interns, ex – Microsoft Employees that happened in the First Week of January, 2016.
- Led my Team as Team Leader in Intra College Quiz Competition organized by Nepal Students Union in February 2016 to Secure first position.
- Won First Runner Up place in Open Data Hackathon 2017 organized in support of the Ministry of Health and PPMO.

## **Projects**

### **Drishya**

#### **Face Detection**

A minor project in the Third Year during Undergraduate in Computer Engineering at KEC, Dhapakhel. The program was written in C# and using the OpenCV library and specifically the HaarCascade algorithm. This was a research based project that was chosen in order to understand the mathematics and foundation behind a machine learning project in Computer Vision.

## Drishya 2.0

### **Image Mining**

A research-based Final year project during Undergraduate in Computer Engineering at KEC, Dhapakhel. The idea was to create an image search engine that we developed as a web application on Python using the Django Framework. Open CV, K-means Clustering and HOG were majorly used.

#### Movie Review

#### Sentiment Analysis

The project is a part of a current course I'm currently involved in the Udacity - Machine Learning Engineer Nanodegree program. Using the IMDB Data set, sentiment of the movie review is determined by creating a model in the Amazon Sagemaker service.

#### Plagiarism Detector

#### Binary Classification

This project is also a part of the current course I'm enrolled in - the Udacity Machine Learning Engineer Nanodegree course. Text file is examined by performing binary classification to label it as either plagiarized content or negative based upon the similarity with source text.

### **Certifications**

[Microsoft Azure Developer Associate](#) (Expires Dec 28, 2022)

[Microsoft Professional Program Graduate on Data Science](#) (includes 10 Edx Certifications )

[AWS Machine Learning Foundations - Udacity](#)

[Microsoft Certified: Azure AI Fundamentals](#)

Microsoft Certified Professional (MCP)

Microsoft Certified Educator (MCE)

Microsoft Specialist: Server Virtualization with Windows Server Hyper-V and System Center (MS)

Leader Project Entrepreneurship Program - Richard Ivey School of Business

Humanitarian Innovation Challenge - Nepal Innovation Lab, TEDx Patan

Business Plan Workshop - Antarprrerana