

# Vaibhav Goswami

Software Engineer



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Indore, India

## SKILLS

Machine Learning

Python

Google Cloud Platform

Kubernetes

Terraform

Tensorflow

Computer Vision

## LANGUAGES

English



Hindi



## INTERESTS

Photography

Travelling

Badminton

Swimming

Graphic Designing

## WORK EXPERIENCE

### Software Engineer

HSBC Bank

07/2019 - Present

Hyderabad

*Achievements/Tasks*

- Machine Learning Engineer: To make Machine Learning available to all, built an Automated Machine Learning Pipeline. Automated 90% of the manual efforts required in deploying a ML model. Deployed those Machine Learning models on Kubernetes using Flask Python.
- Cloud Engineer: Saved \$5k annually on a Google Cloud Project with optimum Compute Engine configuration and Automated Infrastructure planning using Terraform.
- Python Developer: Created a Python Web API serving on Google Cloud Platform, which performed as a search engine for Datasets.

### Image Analytics Intern

U.S Technology Global

07/2018 - 12/2018

Chennai

*U.S Technology Global is an American multinational provider of Digital, IT services and solutions.*

*Achievements/Tasks*

- Created a Machine Learning Capability to Detect Car Damages and Estimate Repair costs of the damages in a car from its images.
- Implemented Object Detection & Image Classification using Artificial Neural Network.
- Used Transfer Learning with 10,000+ images to train the model and got 91 percent quality.
- Showcased the project 'D3+' expo held in Chennai, with an amazing feedback.

## EDUCATION

### B.E (Hons.) Electronics And Instrumentation

BITS Pilani, Goa

2015 - 2019

Goa

*Major*

- Object Oriented Programming
- Image Processing
- Software Development for Portable Devices
- Cryptography

## PERSONAL PROJECTS

Automated Sudoku Solver by Computer Vision (08/2020 - 12/2020)

Automated Image Caption Generator (03/2019 - 05/2019)

## TEAM MEMBER

Infinity Labs - U.S Technology Global Chennai (07/2018 - 12/2018)

*Active member of Innovation Center at U.S Technology*

Department Of Photography BITS Pilani Goa (07/2015 - 07/2017)

*Member of Department Of Photography*

## CERTIFICATIONS

TensorFlow Certified - TensorFlow Developer (02/2021)

Google Cloud Certified - Associate Cloud Engineer (09/2020)

Gold Medalist | International Mathematics Olympiad

*January 2014*