

# Abhishek Hegde

## Software Engineer

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📍 Bengaluru

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### Education

**PG Diploma in Data Science (Specialization in BI)**

IIIT-B

May 2020 – present | Bengaluru

**BE in Information Science & Engineering**

Sir MVIT

2016 – 2020

Bengaluru | 8.53 CGPA

### Skills

**Data Science**

Python, EDA, Machine Learning, Deep Learning, SQL, Flask, Tableau.

**Web Development**

HTML5, CSS3, JS, jQuery, AJAX, PHP, SharePoint

**Programming Expertise**

5 Star Level Coder at HackerRank

Proficient in: C, C++, Python

Familiar with: JAVA, C#

OS: Windows, Linux

### Certifications

**Business Analytics**

Nanodegree

Udacity School of Business

**Deep Learning Nanodegree**

Udacity School of AI

**Data Scientist Track**

DataCamp

**Machine Learning A-Z**

Udemy

**Problem Solving**

HackerRank

### Professional Experience

**Software Engineer**

Micro Focus

Aug 2020 – present | Bengaluru

- Working with the protocols team of Open Enterprise Server (OES) product as part of the File & Networking group.

**Web Development Intern (SharePoint)**

Autoliv India

Jan 2020 – Feb 2020 | Bengaluru

- Worked on several WebApp Development projects in SharePoint (2016).
- Built Client Side Object Model (CSOM) web-parts for a subsite tool within the company's intranet site.
- dHTML- JavaScript & jQuery+AJAX, and SharePoint Customs List at backend.

### Projects

**Autonomous Driving Simulator**

BE Capstone Project

Developed a Flask based self-driving AI using CNN and image processing using OpenCV, tested on the open source Udacity Nanodegree Simulator to autonomously detect the appropriate steering angle, torque and braking based on dashboard cam input images.

**Demand Forecasting using Regression Analysis**

IIIT-B

Built a MLR model from scratch to predict the number of shared bike users on a given day. Used Recursive Feature Elimination (RFE) for coarse-tuning and Variance Inflation Factor (VIF) and p-values for fine-tuning. Achieved 81% test accuracy.

**Titanic Survival Prediction Web-App**

Self

Designed a web-app which, on entering the details of an imaginary passenger (i.e. name, age, gender, socio-economic class, etc.) tells whether your passenger would have survived the catastrophe or not using the help of an ML algorithm (Random Forrest). Used Heroku for deployment and Streamlit for UI design.

**Dog Breed Classification using CNNs and Transfer Learning in Pytorch**

Deep Learning Nanodegree

Given an image of a dog, the algorithm will identify an estimate of the canine's breed. If supplied an image of a human, the code will identify the resembling dog breed.

**Generation of faces using GANs**

Deep Learning Nanodegree

Trained a DCGAN on a dataset of faces. Got a generator network to generate new images of faces that look as realistic as possible.

### Leadership Experience

**Business Team Lead**

Sarso Biznet International Pvt.Ltd

Dec 2016 – May 2018 | Bengaluru

- Lead a business team of 60+ associates in a direct selling business
- Generated an overall turnover of 6lac+ INR for the company.
- Achieved an official rank in the organization (Top 1% in India).
- Carried out 200+ business presentations, attended 10+ regional and 4 national leadership conferences.