# Abhinav Hegde

hegdeabhinav7@gmail.com
+91-9482013192
Bangalore, KA, IN

## EDUCATION

**PES University, Bangalore, KA, IN** **Aggregate : 8.96/10** **2016-2020**
Bachelor of Engineering in Computer Science and Technology

**Sri Bhagawan Mahaveer Jain College** **Aggregate : 94%** **2014-2016**

## TECHNICAL SKILLS

**Languages:**Python, Java,C
**Web Technologies:**Flask, Spring, JavaScript, HTML, CSS, REST, PHP
**Databases:** MySQL, MongoDB

## ACTIVITIES AND PROJECT

**Student Developer, Crio Summer Of Doing:**

- Built a backend system for the mock application QEats: A Food Ordering Application
- Implemented API's to query for cuisines, food items and restaurants, to fetch menu's of the restaurants, to add/remove items from the cart of a given user, to place the order and deployed the backend on AWS
- Implemented a simple food recommendation system as part of the capstone project
- Was selected among the top 10 teams in the capstone challenge
- Link : https://criodo.github.io/csod-2019-AbhinavHegde97/

**Selfieless Acts:**

- an Online photo sharing app, that is containerized and orchestrated automatically. There are two instances of AWS hosting two different parts of the app, users and acts.
- An orchestrator running in acts instance automatically does load balancing, fault tolerance,auto-scaling of the containers running in the same instance. The backend of the application is built using Flask
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- Link: https://github.com/AbhinavHegde97/CloudComputingFinal

**IPL Match Prediction:**

- Simulating the match, given 2 teams, batting order , bowling order and team that bats first.
- Using Probability:
  - K-Means clustering is applied to batsmen statistics . 10 Clusters for batsmen were created to resemble 10 batting positions . 5 Clusters for bowlers were created
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**Long Term Fundamental Analysis of Stocks:**

- construct 36 fundamental features to characterize each stock, and label stocks according to their ranking with respect to the return-to-volatility ratio.
- Algorithms used to solve the classification task Logistic Regression, Random Forest , Deep Neural Network.

**Internal Semester Assesment Test:**

- Created an application that mocks the Computer Based tests conducted at PES University
- Functionalities implemented for the question setter to add questions, add the choices and mark the correct answer (Multiple Choice Questions and True/False)
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## ACHIEVEMENTS AND EXTRA-CURRICULAR

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