

VIVEK KUMAR

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WORK EXPERIENCE

Backend API Development Internship

May 2020 – June 2020

Nflade Security Solutions, New Delhi

- Project titled "Silverlining", a web application aimed to launch for the benefit of the people staying in disaster prone areas.
- Developed backend APIs in Python using **Django Rest Framework**.
- Query and response system for disaster management checklist using Django Models and **API routers** in Django Rest Framework.

PROJECTS

Sentiment Analysis of intra-day stock market using hybrid of lexicon based and machine learning based approach

Jan 2020 – July 2020

NIT, Patna

- Prediction of performance of companies in BSE in intra-day stock market based on sentiment analysis of media articles.
- Two level **web scrapping** using python libraries such as bs4,requests and selenium.
- Prediction of best company to invest in.
- Trained **SVM, Naive Bayes and Decision Tree** classifier models to select best out of them.

Student Grievance Support System

Jan 2020

HACK NITP

- A portal for connecting Student Grievance committee and students of an institution.
- Created **single page application** with JQuery using AJAX.
- Developed **Web API** in DJANGO REST Framework.
- Created seen feature to solve the problem of grievance status
- Tackled the challenge of maintaining the privacy of student posting grievances.
- Used **JQuery, HTML, CSS and bootstrap** for frontend of portal.

Whatsapp chat automation using Python script

Nov- 2018 – Jan 2019

NIT, Patna

- Used **Pyautogui** library to control keyboard and mouse virtually.
- Used BeautifulSoup,requests and urllib for web scrapping and web crawling.
- Used re python library to extract keywords from replies.

CODING PROFILE

- **4 Star** coder with rating of **1841** on **Codechef** (vk16309).
- Led my team to pre-elimination of **SNACKDOWN 2019** a global coding contest.
- Actively participated in rated online programming contests.
- Participated in online round of ICPC 2020.

PROGRAMMING SKILLS

Python
Django Rest Framework
DJANGO
C++
Bootstrap 4
HTML
CSS
JQuery
AJAX
Javascript



EDUCATION

B.Tech in Computer Science and Engineering

National Institute of technology, Patna

2017 – 2021

Intermediate in Science(PCM)

JPS Motihari

2014-2016

CBSE

Matriculation

MSMPS Motihari

2014

CBSE

TECHNICAL SKILLS

Web Scrapping

Deep Learning

Backend API

Pycharm

CERTIFICATIONS

• Neural Networks and Deep Learning – Certified 2020

Coursera

May 2020 – No Expiration Date

• Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization – Certified 2020

Coursera

June 2020 – No Expiration Date

• Structuring Machine Learning Projects – Certified 2020

Coursera

June 2020 – No Expiration Date

• Snackdown 2019 – Certified 2019

Codechef

March 2019 – No Expiration Date