Subham

3rd Year Undergraduate
Department of Computer Science and Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2017 - Present	B.Tech	Indian Institute of Information Technology,Kalyani	8.2/10
2016	CBSE(XII)	Chinmaya Vidyalaya, Bokaro Steel City	84%
2014	CBSE(X)	Chinmaya Vidyalaya, Bokaro Steel City	9.6/10

Achievements

- Secured **9th** position in UtkalHacks 1.0 in Cuttack(March 2019).
- Secured **6th** position in Hackatron1.0 in BIT Sindri, Jharkhand(Nov 2019).

Work Experience

- **Intellify(Intern)** (*Nov 2019 - Dec 2019*)
    - Worked in the field of **Python Automation**.
    - Created Selenium scripts for web application automation and testing.

Key Projects

- **3rd Year Project:Food Master** (*July 2019-ongoing*)
  Mentor: Dr Sanjoy Pratihar, Department of Computer Science.
    - A diet recommender system for user based on their colorie requirement using deep learning
    - Fastai framework used for model training and predictions with OpenCV implementation.
    - **LINK**
- **Library Management System** (*Jan 2020-Present*)
    - A Java based Desktop Application for Library Management System for IIIT Kalyani
    - Backend in integrated with MySQL.
    - **LINK**
- **VR-Yoga** (*Jan 2020*)
    - A **Virtual Reality** application for yoga enthusiast users.
    - Build on Unity3D and Blender.
    - **LINK**
- **Blind eYe** (*Dec 2019*)
    - Raspberry Pie based wearable worn blind or visually impaired
    - CNN and RNN(LSTM) model used for image detection/recognition and Language formulation
    - Alexa used as voice assistant
    - **LINK**

Mini Projects

- **Mr Bin** (*Jan 2020*)
    - IoT based smart dustbin.The proposed hardware provides system user communication with deep learning model for undersanding waste generation pattern of the user on the daily basis
    - Web Application built with FireBase as Backend
    - **LINK**
- **Name-Gender-Detector** (*Dec 2019*)
    - The model predicts the gender of indian user provided the name of the user.
    - **LINK**
- **Port Folio Website** (*Dec 2019-Jan 2020*)
    - Personal portfolio website built using HTML,CSS and JavaScript
    - **LINK**
- **Cricket Buzz** (*Dec 2019*)
    - An Alexa Skill using nodeJS
    - Narrates fact and figures related to cricket
    - Hosted on AWS Lambda server and deployed on Amazon store.
    - **LINK**

Technical Skills

- **Programming Languages:** C, Java, Python,C++, JavaScript.
- **Modules and Frameworks:** Tensorflow, Numpy, OpenCV, Selenium, PyTorch ,Pandas , Scrapy , Keras,Scikit Learn

- **Technologies worked upon:** Amazon Web Services,UNITY(VR),Blender,GCP(Google Cloud Platform),PyTorch ,Docker

Hackathons

- **Hackatron (BIT Sindri,Jharkhand)** *(Nov 2019)*
  – Secured 6th position amongst 25 teams
- **UtkalHacks1.0** *(March 2019)*
  – Secured 9th position amongst 30 teams.

Certifications

- Java For Android:
  – **Coursera**
  – Link
- Machine Learning:
  – **Coursera**
  – Link