Abhishek Kumar Gupta

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EDUCATION

Indian Institute of Technology (IIT) Ropar	CGPA : 7.77/10
Bachelor of Technology(Btech) in Computer Science and Engineering	2018 – 2022

EXPERIENCE

Python Developer Intern at Codenatives (Python, NLTK, spacy,Cloud functions, Bigquery)
Resume Parser - RATOS APP *Nov 2020- Jan 2021*
- Developed a Resume parsing API for parsing pdf and docx resumes.
- Deployed the code on cloud functions. Designed a Bigquery schema for storing data on extraction.
- Increased the accuracy of parser upto 80%.

Full Stack Developer Intern (Python, MySQL, MTCNN, Google Cloud)
Face Attendance System *June 2020-August 2020*
- Developed **Flask application** for attendance management of IIT Ropar students using face recognition.
- Designed a **Relational** model for face attendance management system in MySQL.Used **MTCNN** for face detection , deployed site on **Google Compute Instance**.
- Developed entire **Back-End** for managing queries and requests of client through the application.

Microsoft Engage Program (HTML5, Javascript, CSS)
Mentee - Mars Colonisation Project *June 2020-July 2020*
- Developed a Shortest Path Finder Visualiser as part of the program. Implemented BFS , A-star algorithm.
- Attended webinars on AI and Machine Learning concepts and on Bigdata ,deployment on Kubernetes.

Software Development Intern (C#,.NET,Google Drive API)
Windows PC Application(BioPack) *June 2019-July 2019*
- Developed a Windows PC application that helps designers interact with images,text and videos.
- Implemented a **search tool** using Drive API for effective querying of data from dataset in the Google drive.

PROJECTS

Railway Reservation System | *HTML, Bootstrap, Php, MySQL* Oct 2020-Nov 2020
- Designed the entire backend in MySQL, eliminated data redundancy.
- User can book tickets, search for trains with the best route.

Real Time Object Detector | *Python, Flask ,OpenCV ,YOLO* May 2018 – May 2020
- Implemented **object detection** model which can identify upto 80 different classes from live video streams.
- Used **YOLO**(You Look Only Once),a single stage object detector which is pretrained on the COCO dataset.

TECHNICAL SKILLS

Languages: C/C++ ,Java, Python, SQL (Postgres , MySQL), JavaScript, HTML/CSS
Frameworks/Libraries: React, Node.js, Flask, Angular, WordPress, Django , Android , pandas, NumPy, OpenCV
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Linux
Coursework: Data Structures and Algorithms,Database Systems, Operating Systems,Computer Architecture

ACHIEVEMENTS

1. Ranked **8th by Microsoft** (Two Members Category) in the **Microsoft Engage Program** 2020.
2. Ranked **88(Top 100)** , in the Dare2Compete OHF 2020 out of 6701 participants.
3. Participated in **Infosys HackWithInfy 2020** and qualified till Round 2 of the hackathon.
4. Among **Top20** in IIT Ropar in **Flipkart Grid Challenge 2020**.
5. Participated in the **Smart India Hackathon (SIH) 2020**.
6. **Mentor** of Aeromodelling Club ,IIT Ropar