ANUBHAV KUMAR

T: 9123402316   LinkedIn   Portfolio
E: anubhav.kumar.eee17@itbhu.ac.in

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Electrical Engineering IIT (BHU), Varanasi	9.22	2021
C.B.S.E. (XII)	Manas International Public School, Jehanabad	83.00	2017
C.B.S.E. (X)	DAV Public School, Jehanabad	95.00	2015

SKILLS

Programming Languages

C, C++, Python, Java

Areas of Interest

Data Structures and Algorithms, Machine Learning, Web Development, Operating System, Mathematics

Technologies

React, Spring, JUnit, MySQL, PostgreSQL, Git, Ruby on Rails, Linux, MATLAB

Other Skills

Problem Solving, Quantitative aptitude

INTERNSHIP/TRAINING

Summer Internship   April 2020 - June 2020

Software Development Engineer Intern at Amazon Development Centre Pvt. Ltd., Bangalore

- Developed backend Coral Apis to automate the manual work of solving the customer's failed request for four different services which made the process very quick and wrote all the Unit Tests.
- Developed a full-stack web application to store employee's personal data.
- Tech Stack - React Framework for Frontend, Spring Framework for Backend, MySQL and PostgreSQL databases, JUnit and Mockito for Unit Testing and Git as version control.

Winter Internship   Nov 2020 – Jan 2021

Software Development Engineer Intern at Bizongo, Bangalore

- Developed backend Api to automate the manual work for the calculation of the Logistics Cost for the deals with the client.
- Tech Stack – Ruby on Rails Framework for Backend, MongoDB and PostgreSQL databases and Git as version control.

PROJECTS

Natural Language Processing   Aug 2020 – Dec 2020

Automating the Conversion of Raw News Headlines to Grammatically Correct Sentences.

- A model capable of the automatic transformation of news headlines where correspondences were created between continuous sequences of words in raw and transformed headlines.
- Tech Stack - Machine Learning, NLP, Python, Moses Decoder.

Smart India Hackathon (SIH) – 2020   Jan 2020 - March 2020

Data Storage and Analytics with Dashboard

- Designed a **school management web application** for schools in hilly and rough terrain areas with low internet access through which student's data can be viewed and managed.
- Tech Stack - HTML, CSS, JS, Spring, MySQL.

Network Security   Jan 2020 - April 2020

Online Election UI

- Designed and implemented a secure protocol using **RSA** algorithm to hold **Elections online** to maintain social distancing in the post-pandemic world.
- Tech Stack - Python, TkInter.

Image Processing   Jan 2019 - July 2019

Fire Detection Camera and Follow Me Trolley

- Developed a **Fire Detection Camera** that can detect the earliest stage of fire and recipient can be informed in case of danger.
- Developed an **autonomous robot** that can track humans and follows them.
- Tech Stack – Raspberry Pi, OpenCV.

HONOURS AND ACHIEVEMENTS

- Smart India Hackathon (SIH) - 2020 College Finalist.
- 4-star rating on CodeChef and Expert on Codeforces.
- Winner in Inter Hostel Kabaddi Competition 2017 at IIT(BHU).