



Ayush Ranjan Tripathi

Software Developer • Frontend Developer

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ABES Engineering College • 2023 Pass out



Work Experience

Subject Matter Expert @ Solvelancer, Remote

Jan 2020 - Mar 2020 (3 months) | Part-time

- My role was to help students with their academic problems across various subjects.
- Solved more than 3000 questions over the platform.
- The solutions were provided to them in a step-by-step manner along with proper explanation.

Skills Developed: Communication skills, Content Writing, Problem Solving

Tagline

I am a final year undergraduate who is comfortable working with C, Python, HTML, CSS, Javascript, MySQL and MongoDB. I can work well under pressure and make the best of any situation using my interpersonal and communication skills.

Skills

Python | HTML | CSS | Javascript | React.js | MySQL | Django | MongoDB

Projects

Vehicle Number Plate Recognition

- The goal of this project to eliminate the problem of vehicle theft.
- Uses HTML, CSS, Python, Django, Open CV, Pytesseract-OCR as technology
- Used .VNPR, which is based on ANPR technology, to gather and verify information about owner of the vehicle by capturing image of vehicle number plate.

Skills Developed: Python, Django, OpenCV, HTML, CSS

Twitter Sentiment Analysis using SVM

- It allows users to predict sentiment associated with a tweet using principles of Support Vector Machine.
- It employed the use of python libraries, like, pandas, numpy for data cleaning.
- Also generates heatmap and cloud of positive and negative words.

Skills Developed: Machine Learning, NumPy, Python

HealthX

- Design a system for better patient care. Reduce hospital operating costs. Provide Management Information System report on demand to management for better decision making.
- Uses HTML, CSS, JavaScript, Django, MySQL, Machine Learning as technology
- Provides users a unified 360-degree view for managing patients, doctors, inventory, appointment, billing information, finance and much more.

Skills Developed: HTML, CSS, Javascript, Django, MySQL, Machine Learning

Position of Responsibility

Joint Secretary of Technical Fest of ABES Engineering College

- I coordinated with multiple teams for organizing all the events as planned.

Academic Head of HUHC India

- It is a NGO by our college which is run by our college students. In HUHC, we educate slum areas children and also take care of them.

Technical Head of Environ Club

- It is one of my college clubs which conducts plantation drives and events related to environment in college.

Education

ABES Engineering College, Ghaziabad
B.Tech, Computer Science & Information Technology (CSIT) | 8.2 CGPA

2019 - 2023

G A V I C Barhni Siddharthnagar
Class XII | 79.4%

2018 - 2018

G A V I C Barhni Siddharthnagar
Class X | 87.3%

2016 - 2016

Certifications & Courses

Python Programming

- Learnt about Python basics during certification

January 2020 | [Certificate Link](#)

MySQL Basics

- Learnt about My SQL Basics

July 2020 | [Certificate Link](#)

Introduction to Networks

- Learnt about OSI layers and connection of switches

February 2022 | [Certificate Link](#)

Data Science and Machine Learning

January 2022 | [Certificate Link](#)

Full Stack Web Development

January 2021 | [Certificate Link](#)

Achievements/ Extracurricular Activities

- Winner of Indo-Nepal Quiz Contest
- Winning captain of District Level Cricket Tournament
- Winner of Smart India Hackathon 2021 (Internal)
- Winner of School Level Badminton Tournament