Abhishek Kumar

+91-7209629970 | abhishek11july2018@gmail.com | linkedin.com/in/brianbyteracer/

PROFILE

Adaptable and driven software developer, eager to tackle diverse challenges and deliver effective solutions in dynamic environments. Strong interest in web development, with a focus on creating responsive and user-friendly applications.

EDUCATION

Graphic Era University   *Dehradun, Uttarakhand*
Masters of Computer Applications   2023- 2025
P.K. Roy Memorial College   *Dhanbad, Jharkhand*
Bachelor of Computer Applications   2019-2022

SKILLS

C, Java, SQL, Encryption, AI & ML, HTML, CSS, JavaScript, Python, Team Management

CERTIFICATIONS

- Machine Learning with ChatGPT : Image Classification Model – March'25 (*link*)
- The Complete JavaScript Course : From Zero to Expert – March'25 (*link*)

RESEARCH

Wild Animal Detection using YOLO and Python   *Dehradun, Uttarakhand*
Research Assistant   May 2025 – June 2025

- Collected and annotated a wild animal image dataset using CVAT for precise bounding box labeling.
- Trained and fine-tuned a YOLO object detection model for multi-class wild animal recognition.
- Performed data preprocessing and augmentation in Python to enhance model robustness.

EXPERIENCE

R.S.P Learning Foundation   *Dhanbad, Jharkhand*
Volunteer   Sept. 2022 – Aug.2023

- Conducted interactive educational classes for underprivileged children, focusing on competitive exams.
- Analyzed problems and collaborated with the team to develop solutions; organized files and reports.

PROJECTS

Brute Force Password Cracker   Nov. 24 – Dec. 24

- The attacker guesses the password by trying all combinations; the program continues until it finds a match.
- Tools - Python Standard library [hashlib-to compute SHA1 and MD5 hashes] and text file [wordlist].

Password Strength Analyzer   April 24 – May 24

- Integrated real-time password input with suggestions and validation using Python, featuring a user-friendly interface.
- Tools – HTML, CSS, JavaScript, and any Python platform/web browser for execution.

YODA Chatbot - Medicine Delivery   May 25 - June 25

- Built a smart medicine delivery chatbot with google Dailogflow, Python backend and database integration for real-time order tracking.
- Tools- Google Dailogflow, MySQL, Python, Javascript.

INTERESTS

Travelling, Bike Riding, Cooking, Listening to Music