Abhishek Kumar

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SUMMARY

Dedicated AIML engineering student with a strong background in Python and Java, and hands-on experience in Computer Vision and Data Science. I'm also deeply interested in automation, aiming to streamline processes and make technology work smarter. Currently, I'm focused on both academic and practical pursuits to deepen my expertise and contribute meaningfully to the field.

EDUCATION

Bachelors of Engineering – Artificial Intelligence and Machine Learning	2021-2025	CGPA:8.8
Mangalore Institute of Technology & Engineering		
Senior Secondary (12th) - Dr. NSAM PU COLLEGE, Bangalore	2020-2021	Percentage:90%
Secondary School (SSLC) – St. Ann's High School (ICSE), Bangalore	2018-2019	Percentage:88%

SKILLS

Languages : English, Japanese(n4)
Programming Languages : Java, Python.
Interface : VSCode, Bash, Jupyter Notebook.
Database : SQL.
Tools : MYSQL, Django, Adobe Illustrator, Scikit Learn, TensorFlow, PyTorch, OpenCV, YOLO, ROS.
Technologies : Web Development, NumPy, Pandas.

INTERNSHIP

Pixuate | Intern October 2022 - November 2022
Malleshwaram, Bangalore.
Cultivated advanced expertise in Python programming, contributing to key projects and improving code efficiency. Enhanced technical skills and problem-solving abilities in OpenCV and YoloV7, successfully developing a real-time object detection system.

PROJECTS

Automatic File Sorter. August 2024
Technologies: Python.
Developed a Python tool that automated file organization into categorized directories based on predefined rules, improving file management efficiency.

Capturing Players And The Ball On The Football Field. November 2023
Technologies : Python, YoLo, OpenCV.
Implemented an advanced computer vision project using Python, YoLo, and OpenCV to accurately identify and track players and the ball on a football field, achieving 95% detection accuracy and enhancing team strategy and player performance analysis.

COURSES & WORKSHOPS

- **100-day Python Challenge,** Udemy.
- **Java Programming and Software Engineering Fundamentals specialization,** Coursera.
- **Workshop on Vehicle Automation,** Binghamton, and Mite.
- **Image Processing,** MATLAB.

ACHIEVEMENTS & ACTIVITIES

- Built a race bot and took part in Intercollege race both events.
- Built a Soccer bot for College club.
- Won 3rd place in Japanese N5 level Presentation contest.
- Participated in Bangalore Tech Summit-2022.
- Activly learning Japanese language.