Aakash Yadav

Objective

To become a successful expert in the field of Information Technology by channelizing my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization.

Get in touch!

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Academic History

The NorthCap University
B.Tech(CSE) | 2019 - 2023
- Specialization in Data Science and Artificial Intelligence
- CGPA 6.7

Summer Fields School
12th Standard | 2017 - 2018
- Physics, Chemistry & Maths
- Percentage Scored 83%

10th Standard | 2015 - 2016
- CGPA Scored 7.2

Technical Skills

Programming Languages

- Java, HTML, CSS, JavaScript, Python, SQL

Tools & Libraries

- Tableau, Knime, MS Excel, Microsoft SSMS, Git and GitHub, Numpy, Pandas, Sklearn

Internships

OLA Electric Technologies Pvt. Ltd.
May 2022 - July 2022

- Hands-on experience with debugging tools such as adb/gdb, valgrind, etc.
- Using Android Debug Bridge (ADB) for advanced troubleshooting on Ola Scooters, addressing battery-related issues, and performance testing.

Courses

Microsoft Azure AI Fundamentals (AI-900)
January 2023 - May 2023

- Solid understanding of AI concepts and their practical application in Azure.
- Proficiency in machine learning, computer vision, natural language processing, speech and language technologies, and conversational AI.
- Familiarity with Azure Cognitive Services for developing intelligent applications.
- Understanding of ethical considerations and responsible AI practices.

AWS Academy Cloud Foundation Course
June 2021 - July 2021

- Hands-on experience on AWS.
- Learned about new technologies like EC2, ECS, ELB, S3, VPC, IAM, SQS, RDS, Lambda, Cloud Watch, Storage Gateway, Cloud formation, Elastic Beanstalk, Autoscaling.

Projects

SANEGYM.AI - Safe & Efficient Gym Using Artificial Intelligence
Btech Project | August 2022 - May 2023

- Developed an AI-powered gym tracker using machine learning to monitor exercise performance and enhance real-time safety.
- Integrated MediaPipe library for computer vision tasks, including pose estimation and real-time video analysis.

Driver Drowsiness Detection and Alert System
Course Project | January 2022 - May 2022

- The Drowsiness Detection Model is built with Keras using Convolutional Neural Networks (CNN).
- Inception-v3 Convolutional Neural Networks (CNN) is used to train our model which is 16 layers deep and gives an accuracy of 93.52%.

Research Paper on IPC Crime Rate Prediction Using Tableau
Course Project | August 2021 - December 2021

- Published in the Grenze International Journal of Engineering and Technology (GIJET) as Volume 8 Issue 2 (June 2022 issue) & send for indexing in Scopus.
- The analysis of various IPC crimes in India from year 2010 to 2020.
- Forecasting next 5 years of IPC Crimes State wise in India.