AK

Aman Kumar

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Summary

Proficient Machine Learning Engineer and Full Stack Web Developer with 2+ years of experience in both the fields. Involved in various projects using data processing and predictive modeling algorithms to solve challenging problems. Really Passionate about deep reinforcement learning.

Skills

- Python Programming
- Machine Learning
- Deep Learning
- Image Processing with OpenCV
- NLP (Natural Language Processing)
- JavaScript Programming
- Full Stack Web Development
- ReactJS Front End Development
- NodeJS Back End Development
- MySQL Database Development
- Restful APIs Development
- Deployment of apps with Azure and Docker
- Active Listening
- Communication
- Problem-Solving
- Strong Work Ethic
- Cooperative
- Creative

Projects

Developed an Ecommerce website

Developed an Ecommerce website for a grocery startup in Hyderabad. The website scores perfectly in google lighthouse analysis and also has a recommendation system for the users powered by python in back end.

- Technologies Used: ReactJS, NodeJS, MySQL, Python
- Increased the sales by 150% by implementing a Recommendation System using Un-Supervised learning algorithms
- Optimized the performance of the website to perform 200% faster than traditional html sites

Created a backend dashboard for data analysis

Created a dashboard for an Ecommerce website for data analysis, to get interesting insights from the data and to visualize the traffic on the site.

- Technologies Used: ReactJS, NodeJS, MySQL, Python
- Implemented Data Visualizationa for interesting insights
- Implemented login authentication for admin users

Developed a website for a local pizza shop

Developed a static website for a local pizza shop situated in Pune. Improving their sales by 350%, also with perfect SEO, ranking #1 in google search results.

- Technologies Used: HTML, CSS, JavaScript
- Scored a perfect 100 in google lighthouse analysis
- Designed a Responsive Mobile Friendly Design

Developed a video processing algorithm

Developed an algorithm using OpenCV which processes a video of piano notes waterfall (syntheisa) and returns a video file displaying the notes as text.

- Technologies Used: Python, OpenCV
- Implemented color detection to extract certain colors from each frame of the video

Education

2017
St. Martin's High School
Secunderabad, Telangana
ICSE Board

- Elected Head boy of the school
- Graduated with 86%
- Won First Prize in a drama competition

2019
Narayana Junior College
Hyderabad, Telangana
MPC

- Coursework in Mathematics, Physics and Chemistry
- Graduated with 85%

Social Networks

github.com/amantheroot
linkedin.com/in/aman-kumar-183035162
live:amantheroot
facebook.com/profile.php?id=100037089872791