Abhishek Jain

Software Developer

Strong believer of the fact that AI can change the world for the better.

abhishekjain.nitc@gmail.com ✉

07219158650 📱

Kozhikode, India 📍

abhishek-jain6191.github.io 🌐

github.com/abhishek-jain6191 ⌗

EDUCATION

Bachelor of Technology, Engineering Physics
National institute of Technology, Calicut
07/2019 - 06/2023   *Calicut, India*

PERSONAL PROJECTS

Asteroid Diameter Predictor (08/2020 - 01/2021)
- Building an asteroid diameter predictor using the data available from the Jet Propulsion Laboratory at NASA
- Achieved 0.96 R2 score using GradBoost and Random Forrest Regresor

Chatbot (07/2020 - 07/2020)
- Created a fully functioning movie recommender chatbot using Rasa
- Used NLP with sentiment recognition to respond to queries
- Similar chatbots are used by various industries, to reduce human labor

Optical character recognition software (03/2020 - 06/2020)
- Developed a semi-working OCR using computer vision principles.
- Upto 88% classification accuracy and 76% redability.
- Used OpenCv and Keras to create a robust scalable software.

Particle Identifier (04/2020 - 04/2020)
- Created a particle identifier using the data available from CERN labs
- Data from Ring Imaging Chernkov detector was used to detect and identify particles
- Path detection algorithm was used to detect the radius and predict its momentum, thus resulting in information about the mass
- A reproduction of tasks taken up by CERN

Data Augmentation using GANs (12/2020 - 12/2021)
- Used generative adversarial networks to augment the Xview Dataset.
- Imporoved the classification accuracy by 7% using a ConvNet.

WORK EXPERIENCE

Backend Development Intern
Comunev
02/2021 - Present   *Delhi NCR, India*
Comunev is a startup from Delhi, building an interest-based social network.
Achievements/Tasks
- Developing ML models for matching people based on similarity, interests, and other factors.
- Using Node.js and MongoDB Compass to manage backend part of the product.
- Using react native to develop the application on android.

SKILLS

`Communication` `Problem Solving` `C / C++` `SQL`

`Python / Django` `MEAN Stack development`

`Machine Learning, Applied AI`

`TensorFlow, Keras, OpenCv`

ACHIEVEMENTS

6 star problem solving, HackerRank

4 star competitive programming, Code Chef

JEE Mains, 98.6 percentile

ORGANIZATIONS

Indian Society for Technical Education, NITC Students Chapter (09/2020 - Present)
Software Developer

CPhub (Competitive Programming) (01/2021 - Present)
Performance Consolidator

Team Unwired (10/2020 - Present)
Coding Team

CERTIFICATES

Machine Learning

Deep Learning

Data Structures and Algorithms

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

`ML/AI` `Web-Dev` `Software Development`