Yash Kumar

SME - ML/AI (GitHub)

I am a Machine Learning Enthusiast seeking opportunity to work with an organization of repute that can provide me with a chance to utilize my knowledge and learn to enhance my profession.

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Bangalore, India

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EDUCATION

BE (CSE)
Sai Vidya Institute of Technology

07/2019 - 06/2023

Bangalore, India

- CSE (8.75)

WORK EXPERIENCE

SDE (ML) - R&D
NeuroPixel.AI Labs

11/2023 - Present   *Bengaluru*

Achievements/Tasks

- Work with Stable Diffusion and generative adversarial networks for image generation, model swap and VTON
- Design, develop and automate solutions for image processing and transformations
- Design and implement flow nets, GANs and other Transformers with emphasis on optimization and resource management

Data Engineer Intern
NeuroPixel.AI Labs

08/2023 - 11/2023   *Bengaluru*

Achievements/Tasks

- Design and develop solutions for Image processing techniques
- Apply various image transformations and work with models for data analysis and categorization
- Work with AWS and GCP systems for infrastructure handling and automation

MLE Intern
EduPristine

09/2021 - 10/2021   *Bengaluru*

Achievements/Tasks

- Building applications with emphasis on structural quality and code etiquette
- Developing a solution for image segmentation
- Utilizing and tuning algorithms such as SSD and YOLO

TECHNICAL SKILLS

Java   Python   Spring   TensorFlow

RESTful API   GoLang   PHP   *NIX Systems

React JS   MERN   MySQL

PERSONAL PROJECTS

College Fest - Flutter App (Dart)
- A flutter app focused on managing college events, description and scheduling with the help of an intuitive integrated calender

College Management - Django
- A college management app and website that handles student's attendance, library checkins and internal schedules and marks, built over Flutter HybridDevelopment with backend handled by Django

Predictive Dialer - Java Native (ML)
- A small learning Java native app that makes use of Machine Learning to determine the person to be called depending on the time and frequency as read from previous history.

E-Commerce Website (DBMS)
- An e-commerce web app built with PHP / XAMPP / HTML5 / JS - embeds AJAX and jQuery for payment methods

VOLUNTEER EXPERIENCE

Machine Learning & TF Playground - Google Explore ML
Volunteered as a college representative to bring Google Explore ML program and led the program with introduction to ML, linear algebra, and statistics

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Music   Reading   Cooking   Photography