Vijay Shankar

499_bt19@iiitkalyani.ac.in | +91 8696810062| linkedIn/vijayrealdeal | github/vijayshankarrealdeal

EDUCATION

Indian Institute of Information Technology   Kalyani,WB | Jun 2023
B.Tech Computer Science Engineering

WORK EXPERIENCE

PROOF OF PERFORMANCE PRIVATE LIMITED | Software Development Engineer Intern Remote | May 2020 – Aug 2020
- Inland Waterways Authority of India (IWAI) Contribution in app development of IWAI using **flutter** and **Dart** to make water navigation system.

GOOGLE DEVELOPER STUDENT CLUB | Mobile Dev Lead   IIIT Kalyani, WB | Aug 2021 - Present
- Appointed as the Lead for Mobile Development using Flutter.
- Working on projects with the community.
- Helping to organize and coordinate in mobile dev events.

PROJECTS

DETECTION OF DIABETIC RETINOPATHY ↗   Deep Learning,Under Dr. Rinky Shaw
Diabetic retinopathy is the leading cause of blindness in the working-age population of the developed world. It is estimated to affect over 93 million people.Using Deep Learning the goal is to push an automated detection system to the limit of what is possible – ideally resulting in models with realistic clinical potential.

WOMEN'S SAFETY APP ↗   Java Project, Under Dr Oishila Bandyopadhyay
The idea behind this android app is to ensure women safety and enable them to be in contact of friends and family in emergency and provide a touch point with police in case of emergency situations, we used **Java,Firebase** and **Python** to make this app.

RALLY TO TALLY ↗   Mitsubishi Corporation
Inventory management of pipes in an outside yard, visual dependency required to check the number of pipes. We trained a mask-rcnn model and built a flutter application which can do this task very easily, thus slightly reducing the costs incured by the companies for these tasks.

SNAKES-AND-LADDERS-2.0 ↗   Unity,Toycathon
Game UI and UX development and music and soundEffects .

BLOG ↗   Flutter,Firebase,Python
App designed to make blog and content upon firebase as a backend,India - Store listing acquisitions 41.67%, USA - Store listing acquisitions 31.67% as per May 2021.

RECOMMENDATION SYSTEM USING RESTRICTED BOLTZMANN MACHINE (RBM) ↗   Pytorch
Using movielens dataset give recommendation to user based on user previous movie ratings. CP-ABE MovieLens 100K movie ratings. Stable benchmark dataset. 100,000 ratings from 1000 users on 1700 movies. Released 4/1998.

ENTER THETRAVEL-VERSE ↗   Python, By ARC
Identify trends with Airline ticketing data and build Recommendation System

SKILLS AND ACHIVEMENTS

Languages: Python,C++,Flutter, Java, , Firebase
Deep Learning Specialization : Coursera by Andrew Ng
Kaggle Competitions Contributor : Python and other framework
Coursera Imperial College London : Mathematics for Machine Learning: Multivariate Calculus,Linear Algebra
Coursera DeepLearning.AI: Generative Adversarial Networks (GANs)
Deep Learning: Numpy, Python,OpenCV,Tensorflow,Pytorch
Mobile Development: Flutter, Dart,Firebase
Machine Learning A-Z™: Hands-On Python In Data Science Udemy by Kirill Eremenko : Offline