Arkadip Bhattacharya

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07 November, 1999

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About Me

Hi, I'm Arkadip, a Web Developer. I worked on lots of web-based projects. I have deep knowledge of variaous web framework. I love to work on MERN stack, but also have a good understanding of other stacks too. Beside a web developer, I love to practice AI-ML algorithms. I made some projects on Computer Vision too. I am a joyful guy, and I love to learn and explore new things.

Skills

React Js

Web Frameworks (Node, FastAPI, PHP)

RDBMS (MySQL, PostgreSQL, SQLite)

MongoDB

Google Cloud Platfrom, Docker

TypeScript and JavaScript⋆5.5 Python⋆5.5 Java⋆5 C and C++⋆5 Git and Github⋆6 CI and CD⋆5

(*)[The skill scale 0 (Basic) to 6 (Advanced)]

Work Experience

Internship — Front-End Development - Data Engineering — May'2021 - July'2021

Digite Infotech Pvt. Ltd.

- Created a React library in JS for easy integration of Chatbot
- Created a FARM (FastApi-React-MongoDB) web app for conducting a survey
- Technology used: *React, FastAPI, MongoDB, Docker, Figma*

Education

2017-2021 — B.Tech Computer Science and Engineering — CGPA - 8.68

Government College of Engineering and Textile Technology

- Submitted project (PSLBM) in Alfresco 2017
- Contributing in Alumni Connect Project

2009-2017 — Higher Secondary(10+2) — 86.4%

Mankar High School

Projects

June'2020* — Reat Auth Kit — Link

Here are some features of React Auth Kit:

- It's an open-source library for React for manage Auth state
- Written in TypeScript, and published in NPM
- Github: https://github.com/react-auth-kit/react-auth-kit
- NPM: https://www.npmjs.com/package/react-auth-kit

January'21* — Underwater Image Enhancement — Link

This is a GAN-based neural network, which enhances underwater images into better images. This is my final year project.

Here are some features::

- This project is intended to enhance the Underwater images into Enhanced images.
- The model architecture is based on CycleGAN and DC-GAN.
- It is implemented using PyTorch framework in Python.
- Github: https://github.com/darkmatter18/Underwater-image-enhancement

August'2020 — WhatsThere — Link

WhatThere is a Java based Native Android App. It can identify and label objects using the power of Deep Learning.

- It's an web App that can Caption given image.
- Deep Learning
  - I designed and trained the model from scratch.
  - The model is based on *CNN-LSTM* architecture.
  - Resnet80 is used as a feature extractor.
  - The model is trained on COCO dataset.
  - It is trained for around 100 epochs.
- Web App: Frontend: *React-JS* Backend: *Python, Starlatte*
- Github: https://github.com/darkmatter18/WhatsThere

May'2020 July'2020 — Caption-AI — Link

Specifications of Cation AI:

- It uses CameraX API to get the feed from the camera.
- It has PyTorch JIT MobileNet-V2 model, which is used for object recognization.
- It shows the direct camera images with the label in display.
- Github: https://github.com/darkmatter18/Caption-AI

December'19 — Portfolio — Link

Specifications of my Portfolio:

- It's build with React Js
- Github: https://github.com/darkmatter18/Portfolio