Arkadip Bhattacharya

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EDUCATION

GOVT. COLLEGE OF ENGINEERING AND TEXTILE TECHNOLOGY
B.Tech in Computer Science and Engineering
2017 - 2021
CGPA: 8.68 / 10.0

MANKAR HIGH SCHOOL
2017 | Durgapur, India

LINKS

Blog:// **blog.arkadip.dev**
Github:// **darkmatter18**
LinkedIn:// **arkadip**
Twitter:// **@ArkadipB21**
Facebook:// **arkadipb**

SKILLS

PROGRAMMING
Over 5000 lines:
Python • Javascript • HTML-CSS
Over 1000 lines:
C • C++ • Java • PHP • LaTeX

DATABASE
MySQL • MongoDB • Cassendra

DEVOPS
Google Cloud • AWS • Azure • Kubernetes • Docker

COURSEWORK

Microsoft Azure Fundamentals
Machine Learning
Mathematics for Machine Learning

LANGUAGE

English - Professional (4/5)
Bengali - Native (5/5)
Hindi - Professional (5/5)

EXPERIENCE

DIGITÉ, INC. Full-Time | Software Engineer
July 2022 - Present | Bengalore, India
- **Kubernetes** • **Azure** • **Docker** - Created and managed the **AKS** cluster and cut the Cloud cost by **30%**.
- **DevOps** • **CI-CD** - Increased team productivity and improved release pipeline by adding CI-CD pipeline.
- **Logging** - Deployed **Promethus** - **Loki** - **Grafana** Stack to monitor the cloud.

DIGITÉ, INC. Full-Time | Engineer Trainee
December 2021 - June 2022 | Bengalore, India
- **Python** • **Django** • **FastAPI** - Developed 2 microservice based App Backend and maintained them.
- **MongoDB** - Designed the primary Database data model to well suit all Agritech usecase and increased the API speed by **40%**.

MENTORS WITHOUT BORDERS Mentor
August 2022 - Present | Bengalore, India
- Mentored more than 100 students about Software Engineering and programming topics.

DIGITÉ, INC. Internship | Data Engineering Intern
May 2021 – July 2021 | Bengalore, India
- **JavaScript** • **React** - Created a NodeJs client library using **Rollup**.
- **FastAPI** • **React** • **MongoDB** • **Docker** - Created and deployed an internal survey app to increase Data Science performance.

PROJECTS

REACT AUTH KIT TypeScript | React • Link
August 2020 – Present
- Developed the NPM package written in **TypeScript** with **190+** GitHub stars helps React Developers to manage **Auth**.

CAPTION AI Python | PyTorch | FastAPI | React • Link
May 2020 – August 2020
- Developed web App that can Caption any given image with an accuracy of **84%**.
- Self-trained for 40+ hours a **CNN-LSTM** based model using the **COCO** data set which has 300K+ images.
- Served using a **React** based webapp and a **FastAPI** based back-end and hosted the site of Google App Engine.

WHATSTHERE Java | Android | PyTorch JIT | CameraX • Link
February 2020 – May 2020
- WhatsThere is a Java based Native Android App. It can identify and label objects using the power of Deep Learning.
- It has **PyTorch JIT MobileNet-V2 model** for the object recognition.

CERTIFICATIONS

2022   Microsoft Certified: Azure Fundamentals
2020   Udacity Computer Vision Nanodegree