

# Arkadip Bhattacharya

arkadip.me | LinkedIn: @arkadip  
in2arkadipb13@gmail.com | 890.024.2428

## 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

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 • Cassandra

### 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

### MENTORS WITHOUT BORDERS MENTOR

August 2022 - Present | Bengaluru, India

- Mentored more than 100 students about Software Engineering and programming topics.

### DIGITÉ, INC. FULL-TIME | ENGINEER TRAINEE

December 2021 - Present | Bengaluru, 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%**.
- **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 • Metrics** - Deployed **Prometheus - Loki - Grafana** Stack to Monitor the Kubernetes Cluster.

### DIGITÉ, INC. INTERNSHIP | DATA ENGINEERING INTERN

May 2021 - July 2021 | Bengaluru, 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 with **150+** GitHub stars helps React Developers to manage **Auth**.
- Written in **TypeScript** and jumped into the growing community of 8000+ packages and add rich typing experience.

### 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