AKSHAT JAISWAL

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EXPERIENCE

Software Engineer
TCS Digital

📅 Sep 2020 – Present   📍 Mumbai, Maharashtra

- Used Git as version control. Developed build and release pipeline on Azure DevOps.
- Wrote Kubernetes policies using OPA, Rego and tested policies using OPA test.
- Used Terraform and evaluated policies using OPA.

Computer Vision and Deep Learning Intern
Airprobe

📅 Feb 2020 – June 2020   📍 Banglore, karnataka

- Analyzing the problem statement and providing solutions using start of the art Deep Learning models for the problem statements.
- Created an entire data pipeline, used Deep Learning and object detection algorithms for the given problem statement.

Intern
Bennett University

📅 Dec 2018 – Jan 2019   📍 Delhi

- Developed an interface for Technical Solutions for Visually Impaired People using YOLO and Pytesseract API.
- Trained YOLO network on Coco-API dataset for Real-Time Object Detection and converted the most accurately detected object to speech and converted Text Image to speech using Pytesseract API.

PROJECTS

Handwritten Character Detection Using Trellis Network

📅 Oct 2019 – Feb 2020

Tools used: Python,PyTorch,Colab.

- Tested a new sequential model named TrellisNet on handwritten character datasets to test how efficient TrellisNet works with other sequential models.
- Research manuscript is published at ICCNCT 2020 Springer Conference.Here is the link.

Student exam portal

Tools used: Java,SpringBoot,H2DataBase.

- Created a back-end of student exam portal using Spring Boot, Hibernate and H2 database.
- The application supports CRUD operations and displays all student data based on there subjects grade .

SKILLS

Programming Language

Python Java MySql

Tools

Spring Boot PyTorch GitHub

Skills

Machine learning

Data Structures and Algorithms

CERTIFICATIONS

Spring Framework for Beginners with SpringBoot
Udemy

📅 Issued May 2021

Azure DevOps Fundamentals for Beginners
Udemy

📅 Issued Jan 2021

EDUCATION

B.Tech in ECE
Amrita School of Engineering

📅 July 2016 – June 2020

CGPA : 8.02

XII Board
Central Board of Secondary Education

📅 April 2014 – March 2016

Science(PCM), 86.2%

ACHIEVEMENTS

- Codechef Snackdown 2017:Secured a world rank of 1764 in Pre-Elimination.
- Won a scholarship from Udacity to learn how to build, train, and deploy state-of-the-art Deep Learning models with PyTorch