

Swastik Dubey

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EDUCATION

VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH. IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Jan 2021 - May 2024 | Pune

CGPA: 9.39 / 10

VARDHAMAN JUNIOR COLLEGE

XII (HSC-SCIENCE)

2020 | Pune

Percentage: 80.77

LINKS

LinkedIn:// [swastik-dubey](#)

GitHub:// [Swastik-Dubey](#)

COURSEWORK

Artificial Intelligence
Data Structures and algorithms
Cloud Computing and Analytics
Multivariate Analysis
Image Processing
Machine Learning
Data Science
Natural Language Processing
Explainable AI (XAI)
Multi-Agent System
Computer Vision
Data Ethics

SKILLS

PROGRAMMING LANGUAGES

Python, Java, C, C++

WEB DEVELOPMENT

HTML, CSS, Flask, Django

DATABASES

MySQL, PostgreSQL, MongoDB, Firebase

DATA SCIENCE

Machine Learning, Deep Learning, Natural Language Processing (NLP), Statistics, Computer Vision, Big Data

CLOUD TECHNOLOGIES

AWS, Elastic Beanstalk, Code Pipeline, EC2, Heroku, Microsoft Azure

VERSION CONTROL

Git

DATA ANALYTICS AND VISUALIZATION

PowerBI, Tableau

DATA SCIENCE WORKFLOW

End-to-end project execution

EXPERIENCE

KPMG | DATA SCIENCE INTERN

May 2023 | Pune

- Conducted data analysis and implemented K-means clustering for customer segmentation.
- Utilized Python for data preprocessing and developed Power BI dashboards for stakeholder collaboration.
- Enhanced targeted marketing strategies through personalized insights.

INNOTEK IT SYSTEM | FULL STACK DEVELOPER INTERN

Jul 2021 - Oct 2021 | Pune

- Contributed to designing and implementing a Logistics Management System Web application.
- Played a pivotal role in Django-based backend development, database integration, and utilized HTML5, CSS, JavaScript, Bootstrap, and jQuery for creating an intuitive frontend.

ACADEMIC PROJECTS

YOUTUBE INSIGHTS | ADVANCED ANALYTICS, SENTIMENT ANALYSIS, AND INTERACTIVE CHATBOT INTEGRATION

- Developed a Flask-based web app featuring a versatile chatbot using Hugging Face's Transformers.
- Integrated a YouTube analytics dashboard for video insights.
- Deployed seamlessly on AWS using Code Pipeline and Elastic Beanstalk.
- Published on GitHub.

WAFER FAULT DETECTION

- Created a wafer fault detection model using multi-sensor data.
- Implemented with Flask and Git for version control.
- Automated Docker image creation with GitHub Actions.
- Deployed on AWS App Runner via AWS ECR, showcasing end-to-end project execution.

OTHER PROJECTS

- Forest fire prediction, Diamond Price Prediction, Diabetes prediction.
- Cement strength prediction, Image Classifier, Image-Based Attendance System.
- Logistic Management system, Todo application, Time Series Analysis using ARIMA.

EXTRACURRICULAR & ACADEMIC ACTIVITIES

BCG DATA SCIENCE VIRTUAL EXPERIENCE PROGRAM (2023)

- Worked on Business Understanding & Hypothesis Framing, Exploratory Data Analysis, Feature Engineering, Modelling Findings & Recommendations.

BRITISH AIRWAYS DATA SCIENCE VIRTUAL EXPERIENCE PROGRAM (2023)

- Worked on web scraping to gain company insights and Predicting customers' buying behavior.