

ANIKET YADAV

Chandrapur, India

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Education

MIT Academy of Engineering

Bachelor of Technology in Computer Science | 8.44/10 CGPA

August 2019 – May 2023

Pune, MH

Bhavan's Vidya Mandir | CBSE

Senior Secondary School, 12th Standard | 91 %

June 2017 – June 2019

Nagpur, MH

Kendriya Vidyalaya, New Majri | CBSE

Higher Secondary School, 10th Standard | 96 %

April 2016 – May 2017

Chandrapur, MH

Experience

Birdvision Consulting

Software Engineer Intern

January 2023 – May 2023

Pune, India

- Processed **716k** client data entries, performing multivariate graphical **EDA** to understand feature associations. Employed diverse **ML models** (Linear Regression, ARIMA, Random Forest, XGBoost) for sales prediction with **71% accuracy**.
- Used **collaborative filtering** utilizing sparse matrix to offer region-specific product recommendations.
- Integrated BBC and News-API into a pilot project aimed at delivering location-based local news notifications.

HAB Biomass Pvt. Ltd.

Front End Developer Intern

June 2022 – August 2022

Pune, India

- Served as a software engineering intern under the guidance of the CEO, contributing to the development of the initial **prototype website** for the startup utilizing **HTML, CSS, and JavaScript**.
- Gained valuable insight into the internal operations of an agriculture-focused startup during the internship period.

Codekul Pvt. Ltd.

Fullstack Developer Intern

June 2021 – August 2021

Remote | Pune, India

- Contributed to development of Service Management System application, using **ReactJS, Springboot, and MySQL**.
- Developed user-friendly drop-down menu for streamlined country, state, and locality selection.

Projects

Photomosaic Generator | Python, OpenCV, JSON | [Link](#)

- Utilized animal dataset sourced from Kaggle, comprising **6k images**, to generate the aforementioned cached file.
- Utilized **CV2** to generate a JSON cached file containing the mapped values of the average **RGB value** for all 6k images, accompanied by their locations. Employed animal images with a tile size of 10x10 pixels to construct the input image.

Stock Prediction | Machine Learning - HMM, SVM | [Link](#)

- Preprocessed **10-year dataset** to analyze and predict stock prices for Apple, Google, and Qualcomm.
- Able to get accuracy above **90%** using Machine learning algorithms specially **Hidden Markov Model & SVM**

Hand Gesture Recognition | Deep Learning, CNN, Convo2D, Tensorflow | [Link](#)

- Employed **Keras Conv2D** and Sequential models to train a Convolutional Neural Network (**CNN**) on a dataset comprising hand sign images, with real-time identification of American Sign Language (ASL).

Rainfall Prediction | Linear Regression, DBSCAN | [Link](#)

- Acquired **117 years** of India's rainfall data with **4.2k** entries from **data.gov.in** and utilized diverse visualization techniques (box plots, line plots, histograms, pie charts) to present informative rainfall pattern visuals.
- Forecasted** rainfall patterns & detected drought-prone areas using AI algorithms, **Linear Regression & DBSCAN**.

Skills / Certifications

Languages: C/C++, Python, Java, HTML/CSS, SQL

Technologies/Frameworks/Libraries: Machine Learning, Deep Learning, OpenCV, Git/Github, Tensorflow

Soft Skills: Teamwork, Leadership, Adaptability, Effective Communication, Flexibility

Certifications: AWS Academy Cloud Architecting, **Microsoft Azure** AI fundamentals, **Infosys** Python Programmer, **NPTEL** Cloud Computing, **Palo Alto** Introduction to Cybersecurity

Achievement / Extracurricular

- Attained **3-time** regional player status and secured **1st runner-up** position in inter-departmental **volleyball**.
- Secured a position among the **top 5 finalists** out of 60 participating teams in Datathon22, sponsored by **BajajHealth**, with the theme of "Covid-19 data analysis"
- Attained **top 10%** ranking in the esteemed Employee Attrition Prediction competition, organized by **Analytics India Magazine** in collaboration with MachineHack.