Aniket Kamble

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SUMMARY:

Join an organisation that encourages, enhances, and shapes my skills and knowledge while contributing to its growth.

TECHNICAL SKILLS:

- **Frontend** - HTML, CSS, Bootstrap, JavaScript, React
- **Backend** - Java, Python, PHP
- **Database** - MySQL, MongoDB
- **App Dev** - Android Studio, Java
- **Problem Solving** - C, C++, Java

INTERNSHIPS:

Brainchain Technology: Service-based | Remote
Psychometric Template Generator - Web app, Mobile app
Tech Stack: React, Django

- Developing an app for psychometric templates using React and Django, aiming for a seamless user experience.
- Integrating advanced algorithms and analytics to ensure accurate psychometric template generation.
- Optimising performance through efficient React state management and scalable Django endpoints.
- Implementing secure authentication and data encryption to safeguard user privacy.

Comtranse Technology: Service-based | On-Site
Comtranse Technology Internship website - Web Development
Tech Stack: HTML, CSS, Bootstrap, Javascript

- Focused on web page development and the latest technologies during in-plant training.
- Crafted and constructed the internship application website for the company.
- Integrated cutting-edge technologies to enhance user experience.
- Applied best practices for responsive, mobile-friendly web design.

CodeClause: Service-based | Remote
Stock Market Prediction - Machine Learning, Data Science
Tech Stack: Python

- Employed Tesla's historical stock market data for predictive modelling.
- Utilised linear regression to establish a predictive relationship.
- Crafted a data-driven model to predict forthcoming stock market trends.
- Analysed data patterns to improve the accuracy of stock trend predictions.

PROJECTS:

Automobile Service Restriction Device (Patent Filed) - Automation, Robotics
Tech Stack: Arduino IDE, MySQL, HTML, CSS, JavaScript, Python

- Incorporate ASRD hardware chip with unique identification.
- Retrieve E-challan details from the official website using the ASRD chip.
- Regulate ignition based on violation fines surpassing the threshold.
- Enable ignition upon payment or meeting a specified threshold.

Text to 3D Model Web App - GenAI
Tech Stack: Python, Flask, Stable Diffusion, Intel DPT, HTML, CSS, JavaScript

- Empowers users to input a text prompt and generate an image.
- Displays the generated image and allows users to download it.
- Provides access to the depth map of the generated image.
- Offers the option to download a 3D model of the image.

Advanced Data Visualization Tool - Data Visualization
Tech Stack: Streamlit, Python

- Develop an advanced data visualisation tool using Streamlit and Python.
- Enable users to upload CSV files for custom analysis.
- Provide options to choose between various features and graph types.
- Create interactive visualisations like bar charts, histograms, pie charts, and line graphs.

DCSK Loan Management and Attendance System - Web Application
Tech Stack: Bootstrap, HTML, CSS, JavaScript, PHP

- Base the application on a banking system.
- Develop a loan management and attendance system for both bank managers and employees.
- Opt for PHP's robust library support, enhancing database connectivity, flexibility, and effectiveness.
- Skillfully employ advanced tools to transform input data into professional-quality PDF documents seamlessly.

Controlling PC Fan Speed Using Arduino Uno & DHT11 Temperature Sensor - Smart automation
Tech Stack: Arduino IDE

- Ensure optimal operating temperatures and prevent hardware damage by regulating PC fan speed.
- Utilise an Arduino board and DHT11 temperature sensor to monitor the temperature of a PC.
- Regulate fan speed according to temperature readings for precise temperature control.
- Objective: Maintain the PC within safe temperature limits, minimising noise and power consumption.

Wine Quality Prediction - Data Analytics
Tech Stack: Jupyter Notebook, Python, Kaggle

- Analyse chemical properties to assess wine quality.
- Utilise machine learning algorithms for accurate predictions.
- Evaluate prediction models to improve accuracy.
- Implement data-driven insights to classify wine quality.

Wine Quality Prediction - Data Analytics
Tech Stack: Jupyter Notebook, Python, Kaggle

- Analyse historical stock data for trend prediction.
- Utilise linear regression models to forecast stock prices.
- Evaluate prediction accuracy to refine models.
- Implement data-driven strategies for market insights.

Gender-Age Detection - Data Analytics
Tech Stack: Jupyter Notebook, Python, Kaggle

- Predict gender and age from images using CNN.
- Optimise CNN architecture for accuracy.
- Preprocess data to enhance model training.
- Validate predictions with rigorous testing.

EDUCATION:

Marathwada Mitra Mandal's College of Engineering, Pune | B.E. Degree in Artificial Intelligence and Data Science | November 2022 to 2025
Sanjay Ghodawat Polytechnic, Kolhapur | Diploma Degree in Computer Science & Engineering | 2019 to 2022