

DISHA PAWAR

AI/ML Engineer

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OBJECTIVE

Experienced AI/ML Developer with 1 year of hands-on experience delivering impactful solutions across multiple projects, including Google Calendar integration, attendance systems, chatbots, object detection (image captioning), emotion detection, web navigation, and diet planners. Proficient in Python, SQL, HTML/CSS, and JavaScript, with a strong ability to bridge the gap between data science and software development. Seeking to leverage my expertise to drive innovative AI solutions.

Technical Skills

- **Programming Languages:** Python, SQL, HTML, CSS, JavaScript
- **Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-learn
- **Data Visualization:** Matplotlib, Seaborn, Tableau
- **Databases:** MySQL, MongoDB
- **Tools & Technologies:** Jupyter Notebook, Git, Docker
- **Cloud Platforms:** AWS (S3, EC2), Google Cloud
- **Other Skills:** REST API development, Agile Methodology

PROFESSIONAL EXPERIENCE

AI/ML Developer

Nov 2023 – Present

Versai Technology pvt ltd.

- Designed and implemented machine learning models to predict user behavior, improving system recommendations by 20%.
- Built and optimized ETL pipelines for data preprocessing, ensuring data consistency across projects.
- Developed a Google Calendar integration system that streamlined scheduling and increased productivity by 15%.
- Created and deployed an AI-powered attendance system to automate employee tracking with 98% accuracy.
- Designed and integrated chatbots for customer support, reducing response time by 30%.
- Implemented object detection and image captioning solutions for image-based applications.
- Developed an emotion detection tool to analyze sentiment from user inputs, enhancing user engagement strategies.
- Built a web navigation assistant to improve accessibility for visually impaired users.
- Developed a personalized diet planner leveraging machine learning to provide tailored meal recommendations.
- Integrated machine learning models into web applications using REST APIs.
- Conducted exploratory data analysis (EDA) to derive actionable insights and enhance model performance.
- Worked collaboratively in an Agile team to deploy projects on cloud platforms (AWS/GCP).

PROJECTS

Google Calendar Integration

- Designed and implemented a machine learning-enabled system to sync and manage schedules effectively.
- Automated reminders and conflict detection, increasing team productivity by 15%.

Attendance System

- Developed an AI-driven attendance system using facial recognition for real-time tracking.
- Improved accuracy by 98%, ensuring seamless employee monitoring and record-keeping.

Chatbot for Customer Support

- Built an NLP-based chatbot to handle customer queries, reducing response time by 30%.
- Integrated with web applications, providing real-time support and improving user experience.

Object Detection and Image Captioning

- Developed object detection models to identify and classify items in images.
- Designed a captioning system that auto-generates textual descriptions for uploaded photos.

Emotion Detection Tool

- Created a sentiment analysis tool to detect emotions from textual and video data.
- Enhanced user engagement strategies for client applications by tailoring content dynamically.

Web Navigation Assistant

- Built a navigation assistant to improve accessibility for visually impaired users.
- Integrated voice-guided navigation and obstacle detection to enhance usability.

Diet Planner Application

- Designed a personalized diet planner leveraging machine learning for customized meal recommendations.
- Improved user adherence to diet plans by 20% through tailored suggestions and reminders.

EDUCATION & CERTIFICATIONS

Bachelor's of Science (BSC) (Computer)

Raja Shankar Shah University

Graduation: June 2024

Higher School Education

Madhya Pradesh Board of Secondary Education
(MPBSE) 2021

Soft Skills

- Strong problem-solving abilities
- Effective communication and teamwork
- Quick learner and adaptable

Languages

- English
- Hindi