

AAYUSHI ARVIND PANDEY

Software Developer, Data Scientist/Analyst

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OBJECTIVES

A highly motivated AI&ML student with a robust foundation in software development, web development, data analytics, machine learning, and finance. I seek an internship opportunity with a forward-thinking organization where I can leverage my expertise in Python, JavaScript, and data visualization tools to contribute to innovative projects. I aim to collaborate with cross-functional teams to drive business success through creative solutions, continuous learning, and effective problem-solving. My goal is to make a meaningful impact by applying my skills in web development, machine learning, and data analytics.

EDUCATION

Diploma In Engineering

CGPA: **83%** (Oct 2022 – June 2025)

Relevant Coursework: (Artificial Intelligence and Machine Learning)

Government Polytechnic, Mumbai.

SSC

Percentage: **89.60%** (Jun 2019 – Apr 2022)

Relevant Coursework: (10th)

Manav Vikas Vidyalaya Saki-Naka

SKILLS

Technical Skills: Python, C, JavaScript, Machine Learning, Data Visualization and Analysis, Predictive Modeling, Supervised/Unsupervised Learning, Deep Learning, Statistical Analysis.

Technologies: Pandas, Django, MySQL, MS Excel, scikit-learn, TensorFlow, Tableau, Seaborn, OpenCV

Personal Skills: Analytical Skills, Problem Solving, Willingness to Learn, Team Facilitation, Diplomacy, Excellent Communication.

EXPERIENCES

1. Software Development Intern, Daifuku Intralogistics India Pvt. Ltd.

(June 2024 – July 2024), Mumbai.

- Collaborated on developing software applications and new features for a low/no-code platform.
- Worked with developers to identify and remove software bugs.
- Attended development team trainings, daily meetings, and huddles.
- Designed and implemented new features based on user feedback, resulting in better overall functionality of the software application.

2. STEM Intern (IT), Abbott India Pvt, Ltd.

(June 2023 – July 2023), Mumbai

- Developed and instructed a comprehensive machine learning curriculum, providing practical training in Python and data analysis
- Guided and mentored students in creating and deploying machine learning models, enhancing their analytical and problem-solving skills
- Solved numerous machine learning problem statements using supervised and unsupervised algorithms to increase hands-on experience with real-world problems.

PROJECTS

1. Desktop Assistant: ([click here](#))

- Developed a desktop assistant using Python to automate routine tasks like opening apps, sending emails, and searching the web.
- Created a voice recognition system using `speech_recognition` library to process user commands.
- Implemented text-to-speech using `pyttsx3` to provide vocal responses.
- Integrated popular libraries like `os`, `web browser`, and `smtplib` to handle system operations, browsing, and email automation.

2. Grocery Website: ([click here](#))

- Developed a face recognition attendance system for different tuition classes to simplify their attendance process.
- Created two main pages connected to MongoDB: `Mark_Attendance` and `Register_Students`.
- Implemented IPCV using OpenCV's face recognition to capture vectors and used face match methods for verification

3. Negotiation Bot: ([click here](#))

- Developed a negotiation bot using NLP and Flask to simulate real-time negotiation conversations with users.
- Integrated NLP techniques with NLTK for intent recognition, sentiment analysis, and response generation.
- Built a Flask-based web interface allowing users to interact with the bot in a conversational manner, handling offer/counteroffer exchanges.
- Designed dynamic negotiation strategies based on sentiment and tone analysis to adapt to user responses and close deals effectively.

ACHIEVEMENTS

1. **1st Rank** Winner at "Quantathon - '24" a Quantitative-Fintech Hackathon at **IIT-Roorkee**.
2. **Top 10 (9th Rank)** in "Mind the Product" organized by **IIT – Roorkee** (E-Cell).
3. **Finalist** at "Ideathon – 24" a Quantitative-Fintech Hackathon at **Infosys**.