

ARYAN SHYAM RATHOD

PYTHON DEVELOPER

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PROFESSIONAL SUMMARY

Python Developer and Data Analyst with expertise in Python, SQL, Django, and Data Visualization. Experienced in developing data-driven applications, chatbots, and dashboards. Strong background in problem-solving, machine learning basics, and full-stack development. Passionate about leveraging technology to build scalable solutions and deliver actionable insights.

SKILLS

- **Programming Languages:** Python, SQL
- **Frameworks & Libraries:** Django, Pandas, NumPy, Matplotlib
- **Data Analysis & Visualization:** Power BI, Jupyter Notebook
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** Oracle SQL, PostgreSQL, MongoDB
- **Tools:** Git, GitHub, VS Code, Anaconda
- **Soft Skills:** Problem-solving, Teamwork, Adaptability, Time Management

EDUCATION

Savitribai Phule Pune University, Pune, India

Dec 2021 - May 2025

- B.E. in Artificial Intelligence and Machine Learning

Pune, India

PROJECTS

College Admission Inquiry Chatbot | Python, NLP, Django | 2025 – [Live](#)

- Developed an **AI chatbot** for student admission queries in **English & Hindi**.
- Integrated **Speech Recognition, Google Translate API, and gTTS** for multilingual support..
- Automated **70% of repetitive queries**, reducing manual workload..

Big Mart Sales Analysis | Python, Pandas, Matplotlib, NumPy | 2024 – [Live](#)

- Conducted sales data analysis to identify **pricing, demand, and outlet performance trends**.
- Implemented **feature engineering and visualizations** for key business insights
- Delivered data-driven insights for improved decision-making

Doctor Appointment Booking System | Django, HTML, CSS, PostgreSQL | 2025– [Live](#)

- Built a **web application** for booking doctor appointments and managing patients.
- Implemented **CRUD operations** for doctors & patients using PostgreSQL.
- Designed **responsive front-end pages** for appointments and medical records..

WORK EXPERIENCE

Machine Learning Intern – YHills Edutech Pvt. Ltd. | Pune | – [Link](#)

Feb 2024 – Mar 2024

- Developed a **Music Recommendation System** using ML algorithms.
- Performed **data preprocessing and model training** for accurate predictions.
- Gained hands-on experience in **team collaboration and end-to-end project handling**.

CERTIFICATIONS AND COURSES

- Python & Advanced Python – QSpiders
- Python Full Stack Development – QSpiders
- Oracle SQL – QSpiders
- Data Analysis (Power BI, Python Libraries) – QSpiders
- Machine Learning Basics – Kaggle

ACHIEVEMENTS

- Published a **research paper** as part of final-year project
- Coordinated and led a team of **3–4 members** during projects using GitHub.
- Preparing for **TCS NQT** with focus on **Aptitude, Coding, and SQL**.