

# ARYAN SHYAM RATHOD

Django & Python Developer

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## PROFESSIONAL SUMMARY

Django Developer with experience in building and deploying robust, data-driven web applications. Skilled in Python, Django, REST APIs, database management, and full-stack development. Proven ability to implement authentication, security, clean code practices, and deliver actionable insights. Passionate about leveraging technology to build scalable solutions from concept to deployment.

## SKILLS

- **Backend:** Python, Django, Django REST Framework, SQL
- **Frontend:** HTML, CSS, JavaScript, Bootstrap
- **Databases:** Oracle SQL, PostgreSQL, MySQL, SQLite, MongoDB
- **API & Authentication:** REST APIs, JWT, Role-Based Access Control
- **Development Practices:** CRUD Operations, Media File Handling, Git/GitHub, Postman
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Power BI
- **Soft Skills:** Problem-solving, Teamwork, Adaptability, Time Management

## 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**.

## 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.

Teacher Management System | React.js, Bootstrap, CodeIgniter, MySQL, JWT Authentication | 2025 | – [Live](#)

- Developed using React.js frontend with Bootstrap UI and CodeIgniter PHP backend with JWT authentication.
- Implemented **complete CRUD operations**, advanced search, and profile picture upload features.
- Designed **MySQL** database with 1:1 relationships between users and teachers tables.
- Built **RESTful APIs** with proper error handling and security measures.

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

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

## EDUCATION

Savitribai Phule Pune University, Pune, India

Dec 2021 - May 2025

- **B.E. in Artificial Intelligence and Machine Learning**

Pune, India

## 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.