# Pranav Shelke

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## PROFILE

Software Engineer with hands-on experience in Python development, backend systems, REST APIs, Linux environment, and version control. Strong foundation in software engineering principles, databases, system design, and cloud-native development. Passionate about building scalable, reliable software systems and continuously learning modern technologies like microservices, containers, and cloud platforms.

## Experience

**Koushiki Innovision** | Pune                                                                 Jun '25

*PHP Developer Intern*

- Contributed to the development of a simple web-based Machinery Maintenance Application using PHP and MySQL.
- Developed modules for adding machine details, tracking maintenance records, and managing basic user roles.
- Performed CRUD operations using Core PHP and MySQLi/PDO for smooth data handling.
- Collaborated with the team using Git, GitHub, and worked on debugging, testing
- Implemented movement, collision, scoring, and dynamic math challenges with themed levels (Ice, Jungle, Desert).

## PROJECTS

*Student Performance Prediction*

- Developed a machine learning model to predict student performance based on factors such as study hours, attendance, and previous scores.
- Applied data preprocessing, feature selection, and regression techniques to enhance prediction accuracy and support data-driven academic insights.

*Forest Fire Prediction*

- Developed a predictive model to assess forest fire risk using inputs like temperature, oxygen, and humidity.
- Enabled early detection and prevention by accurately predicting fire occurrence through data-driven insights.

## SKILLS

- **Programming:**Python, Java (Basics), SQL, C, C++
- **Backend & APIs:** REST APIs, Microservices Basics, Flask
- **Databases:**MySQL, NoSQL (Basics)
- **DevOps & Tools:**Git, GitHub, Linux (CLI), Docker (Basics), CI/CD Concepts,Kubernetes
- **Cloud & Systems:**Linux OS, Cloud Fundamentals (AWS / IBM Cloud – Basics)
- **Testing:**Unit Testing (PyTest / JUnit Basics), API Testing

## EDUCATION

**Padmashri Vikhe Patil College of Arts, Science** | Loni                                        Jan '23
**and Commerce**

*BSc(Computer Science)*

**Shri saibaba junior college** | Shirdi                                                         Apr '20

*HSc*

## Certifications

- Advanced Certification in Data Science & Analytics,ML at Ethans Tech,Pune
- All India Technoskills Organization Certification in C &C++
- Machine Learning A-Z (Udemy) – SuperDataScience Team