

# Aayush Panchal

Portfolio: <https://aayushpanchal.in>

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## EDUCATION

### Dr. D. Y. Patil International University

*Bachelor of Technology - AI-ML*

Pune, Maharashtra

*July 2023 - June 2027*

### Vardaan Sr. Sec. School

*PCM-12th (C.B.S.E Board)*

Udaipur, Rajasthan

*April 2022 - March 2023*

## SKILLS SUMMARY

- **Languages:** Python, Java, JavaScript, SQL
- **Frameworks:** Scikit-learn, TensorFlow, React.js, Node.js, Express.js
- **Tools:** Git, Docker, Figma, PostgreSQL, MySQL, SQLite
- **Platforms:** Linux, Web, Windows, Arduino, Power BI
- **Core Skills:** Data Structures, Artificial Intelligence, Machine Learning, Computer Networking, Databases, Operating Systems, Object-Oriented Programming
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

### Libreonix Private Limited

*Web Development Intern*

Remote

*June 2024 - Sept 2024*

- Developed and deployed a responsive business website using modern web technologies React.js and Node.js, ensuring scalability and high performance.
- Optimized website performance to achieve fast load times and a smooth user experience across devices.
- Ensured cross-browser compatibility and delivered reliable functionality aligned with client requirements.

### E Gynam Tech

*AI Intern*

Pune, Maharashtra (Remote/On-site)

*May 2025 - Aug 2025*

- Built a RAG-based AI chatbot using FAISS and LLM integration with a FastAPI backend.
- Enhanced document retrieval accuracy through efficient vector search and optimized data processing.
- Improved knowledge accessibility by enabling context-aware responses and scalable backend functionality.

## PROJECTS

### AI Website Builder

*Full Stack AI Project*

- Built an AI-powered platform to generate complete websites from user prompts using Next.js.
- Implemented a credit-based system with Stripe payments and secure authentication.
- Deployed a scalable app with real-time processing and smooth UI animations.

### AI Finance Management System

*AI + Full Stack*

- Developed a secure AI-driven finance platform with automated bill processing using image-based data extraction.
- Enabled real-time financial updates with authentication and workflow automation.
- Built an interactive dashboard with spending insights and alerts.

### Crop Recommendation System

*Machine Learning Project*

- Developed a Random Forest model to recommend crops using soil (NPK) and climate data.
- Achieved 99.55% accuracy with real-time predictions via Streamlit.
- Provided top-3 crop suggestions with confidence scores.

## VOLUNTEER EXPERIENCE

### Core Member - Google Developer Groups Club

*D. Y. Patil International University*

Pune, Maharashtra

*Oct 2023 - Oct 2025*

- Organized and executed technical events, workshops, and seminars.
- Increased event participation by 30% through effective planning and promotion.
- Assisted in project development and technical event management.