

# Aakash Pawar

+91-9409494849 | [aakashpawar496@gmail.com](mailto:aakashpawar496@gmail.com) | [linkedin.com/in/aakash-pawar](https://linkedin.com/in/aakash-pawar) | [github.com/aakashpawar49](https://github.com/aakashpawar49)

## EDUCATION

### Master of Computer Applications (MCA)

The Maharaja Sayajirao University Baroda

August 2024 – May 2026

### Bachelor of Computer Applications (BCA)

The Maharaja Sayajirao University Baroda

July 2021 – May 2024

## EXPERIENCE

### Web developer at MamoTechnolabs LLP

January 2024 – April 2024

- Contributed to the end-to-end development of ERP system along with backend services for web apps.
- Designed and implemented RESTful APIs with Node.js and Express.js to enable smooth data exchange.
- Collaborated with design teams and utilized Figma and wireframing tools to translate designs into code.
- Ensured clean code practices, modular architecture, and adherence to project timelines across development.

## PROJECTS

### AI Interview-Preparation (Gemini Based) | React.js, Node.js, Express.js, MongoDB, Gemini

[GitHub](#)

- Built a full-stack AI interview platform using MERN and Gemini API for personalized Q&A generation.
- Designed prompt templates to generate structured, role- and topic-specific questions in clean JSON format.
- Integrated Context API for user session handling and real-time AI-powered explanations.
- Developed secure REST APIs for auth, sessions, and AI logic using Express, MongoDB.

### Medical-Chatbot Generative AI | Streamlit, FAISS, Hugging Face (Flan-T5, MiniLM-L6)

[GitHub](#)

- Developed an offline AI assistant that answers medical queries using semantic search on a PDF textbook.
- Used all-MiniLM-L6-v2 to generate embeddings and stored vectorized chunks in Pinecone for efficient semantic retrieval.
- Integrated Hugging Face's flan-t5-base model for fully local, context-grounded answer generation.
- Built a responsive Streamlit interface to interact with the local chatbot in real time.

### LabAdmin – Laboratory Management System | React, ASP.NET Core, MySQL, JWT

[GitHub](#)

- Developed a full-stack, role-based application (Admin, LabTech, Teacher, Student) to manage lab assets, bug reports, and software requests.
- Engineered a secure ASP.NET Core Web API with JWT authentication and role-based authorization (RBAC) to protect endpoints and manage data with EF Core and MySQL.
- Built a dynamic, data-driven dashboard with React and Recharts, implementing a complete "Report-to-Resolution" ticket lifecycle.

## ACHIEVEMENTS

- Secured **3rd place** at the **RWEsearch & Health AI Innovation Hackathon 2025** by building data-driven healthcare solution.
- Reached **Top 10 finalists** at **Hack-a-Throne 2025** with *UniNest*, a campus recruitment system connecting companies, colleges, and students.

## CERTIFICATIONS

**SAP Code Unnati** (Machine Learning, IoT, Deep Learning, Computer Vision, SAP ABAP).

**Artificial Intelligence Fundamentals** – IBM Skills Build.

**Generative AI in Action** – IBM Skills Build.

## SKILLS

Technical Skills	Soft Skills
Languages: Java, Python, JavaScript	Strong Communication and presentation
Frameworks: React.js, Node.js, Express.js	Critical Thinking and problem solving
Database: MongoDB, MySQL, Pinecone	Optimistic team player with collaboration
Tools: Git, GitHub Actions, CI/CD, Docker	Time management and adaptability