Piyush Krishnadutt Yadav

Linkedin: Piyush Yadav

GitHub , Leetcode , Portfolio

Email: piyushkrishna11@gmail.com
Mobile: +91 7558565929

EDUCATION

Vidyavardhini's College Of Engineering & Technology
BE : Information Technology. CGPA: 7.52
Honors (CyberSecurity)

Mumbai, India
November 2022 - August 2026

H.D Save College of Arts and Science
HSC :75.80%

Mumbai, India
June 2020 - August 2021

SKILLS SUMMARY

Frameworks : MERN Stack ,Next.js, Flask, Flutter

AI / ML : Generative AI APIs, NLP Pipelines, Gemini AI, Agentic Rag, Hugging Face , LangChain,

Databases : MongoDB, MySQL, SQLite, Firebase

Dev Tools : Visual Studio Code, Jupyter Notebook, Android Studio, Git/GitHub,Docker, Postman

Services : Render, Vercel, Netlify, Google Cloud, Hugging Face

EXTRACURRICULARS

Hackathon Committee (Technical Head), Core Coding Committee (Technical Head)

WORK EXPERIENCE

MERN Stack Developer Intern – Lsoys Apps and Games **February 2024- Present**

Worked on 20+ full-stack projects involving MERN, Flask, Next.js, and AI integrations.

- **Stackpop Job Portal**: Built and deployed a live job portal with authentication, resume uploads, and admin dashboard.

- worked as the frontend developer for **MigooAI**, an AI-driven content generation platform for an Israeli client, using React to build dynamic user interfaces and ensure smooth user experiences

- **Cricket Card Game:** Currently developing a real-time multiplayer game with dynamic scoring and leaderboard logic.

- **velvikx** is an Online Furniture Platform: Built a full-stack eCommerce platform with multi-category products, secure payments (Razorpay/UPI/COD), and a modern responsive UI that enhanced user engagement by 45%.

PROJECTS

Learning Sphere– AI-Powered Learning Management System - | LINK | Documentation **August 2025**

- Engineered a secure, full-stack MERN-based LMS with JWT + **Google reCAPTCHA authentication**, multi-role dashboards (Admin, Tutor, Learner), and RBAC architecture ensuring scalable and protected access control.
- Built an AI & ML-driven **adaptive exam system (fullscreen-only with anti-extension security)** that dynamically adjusts difficulty, generates personalized **AI performance reports, and automates skill-based progression.**
- Enhanced learner engagement through gamification (XP, badges, leaderboards, streaks), AI-powered meeting scheduling, and real-time analytics — **driving a 60% increase in student participation** and measurable learning improvement.

BreathEasy (AI/ML-Powered Smoking Cessation APP) **December 2024 – January 2025**

- Built an AI-driven platform that analyzes daily smoking habits and generates a personalized cessation report, offering step-by-step guidance, health risk analysis, and prevention strategies tailored to the user.
- Integrated interactive distraction games, motivational content, and health awareness insights, helping users stay engaged while combating addiction through AI-powered recommendations and behavioral analysis.

EasyYoga – AI-Based Yoga Pose Correction- | LINK **September 24- October 2024**

- EasyYoga uses AI/ML to analyze your yoga poses, offering real-time insights and tailored suggestions for improvement.
- Access pre-recorded tutorials, one-on-one video call guidance, and personalized diet plans to enhance your yoga journey.
- Enjoy seamless access with Google login (OAuth) and explore the transformative benefits of yoga, all in one intuitive platform.

CERTIFICATES

Python for data Science, AI & Development (IBM) [25 hours]| CERTIFICATE **June 21, 2024**

I completed IBM's "Python for Data Science, AI & Development" course, gaining expertise in Python programming, data analysis, and libraries like Pandas and NumPy.

The course enhanced my skills in web scraping, using APIs, and developing code with Jupyter Notebooks for data science and AI applications.

Foundations of User Experience (UX) Design (Google) [18 hours] | CERTIFICATE **February 3 2024**

I completed Google's UX Design course, gaining expertise in user-centered design, accessibility, and practical skills like prototyping and wireframing.

This course enhanced my ability to create impactful user experiences through design sprints and UX research.

HacktoberFest 2024 | CERTIFICATE **October 7 2024**

I actively participated in Hacktoberfest, contributing to **Open-Source Projects** using Next.js and Node.js, with six of my pull requests successfully merged.

JavaScript, JQuery and React (Udemy)[13 hours] | CERTIFICATE **June 26, 2024**

Developed expertise in modern web development techniques, including interactive UI creation and advanced JavaScript concepts, validated by a course completion certificate from Udemy.