

# ADITYA KARMALKAR

+91 80878 20521

adityanv.karmalkar@gmail.com

LinkedIn

GitHub

Portfolio

## EDUCATION

Trinity Academy of Engineering, Pune, India

B.E. in Information Technology - **CGPA - 8.26**

2022 – 2026

Pune, Maharashtra

## PROJECTS

**RAKTDAAAN – Blood Donation Web Platform** [Live Demo](#) | HTML, CSS, JavaScript, TailwindCSS, Firebase

- Developed a full-stack responsive platform that connects blood donors with hospitals and recipients.
- Integrated Firebase for real-time database, authentication, and form handling.
- Designed user-friendly UI with TailwindCSS and added emergency SOS request features for hospitals.
- Deployed on Netlify for global access and fast delivery via CDN.

**Scrapy – Gemini Web Summarizer** | Python, Flask, Gemini API, HTML/CSS

- Engineered a web-based summarization tool that scrapes website content and generates concise summaries using Google's Gemini 1.5 Flash model.
- Implemented keyword extraction, word limit control, and multilingual output (English, Hindi, Marathi, French) to boost content relevance.
- Designed a clean and responsive UI using HTML/CSS with intuitive form inputs and styled output sections, ensuring a smooth user experience across devices.

**AI Chatbot (Flutter + Gemini API)** | Flutter, Dart, Generative Language API, Hive, UI Design

- Built a Flutter chat application integrating Google Gemini2.0-Flash via Generative Language API for real-time conversational AI, securely managing API keys.
- Designed streaming chat UI with auto-scroll, markdown support, loading spinners and responsive input—enhancing engagement and usability.
- Persisted conversation history using Hive local storage, enabling users to revisit previous chats across app sessions.

## TECHNICAL SKILLS

**Programming Languages:** PHP, JavaScript (ES6+), Python, SQL, C++, Java

**Web Technologies:** HTML5, CSS3, MySQL, WordPress

**Frameworks & Libraries:** React.js, Node.js, Flutter, scikit-learn, TensorFlow, NumPy

**Tools & Platforms:** Git, GitHub, Shopify

**Design Tools:** Figma, Canva, Framer (Prototyping & UI Design)

## EXPERIENCE

**Soluxction Space LLP**

Flutter & AI/ML Intern

January 2025 – March 2025

Pune, Maharashtra

- Built Flutter-based features for a sports analytics application.
- Assisted tennis coaches in tracking and evaluating player performance with enhanced efficiency.
- Integrated AI/ML models to analyze swing and match data, providing personalized training insights.
- Developed dashboards to visualize player metrics, streamlining performance reporting.
- Collaborated in an agile team using Git and CI/CD for efficient and consistent delivery.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Building LLM Applications With Prompt Engineering - NVIDIA
- Getting Started with Artificial Intelligence - IBM SkillsBuild
- AWS re/Start Graduate Badge

## EXTRACURRICULAR

---

- Member of PICT AWS Club
- Top 10 IBM SkillsBuild Hackathon Participant
- Avishkar 2024 Participant
- SIH 2024 Participant
- Completed Google Cloud Arcade Program
- Member of the International Association of Engineers (IAENG)