

Harsh Pramod Bachhav

📍 Pune, Maharashtra, India ✉ harsh.bachhav22@vit.edu ☎ 8451805374 🌐 in/harsh-bachhav/

EXPERIENCE

Artificial Intelligence Team Member

GDSC VIT PUNE

October 2023 – June 2024

- Created a AI Based Travel Itinerary Generator using StreamLit ,Python, OpenAI API
- Won the TechFesta Hackathon Organized by GDSC

PROJECTS

GIS Based Risk Factor Prediction

May 2024 – June 2024

- Developed GeoRiskAccess, a web-based tool using Python, Excel, Flask, and Gemini API, integrating GIS and Google Earth Engine data to assess urban risk factors in Indian cities. Utilized a Random Forest classifier to analyze real-time data on population density, air quality, traffic, land use, and more, offering precise risk evaluations and actionable visualizations to promote urban sustainability and resilience.

Food Donation Website

GDSC Solution Challenge

- Developed Prajaahar Rakshak, a Node.js, Express, EJS, Bootstrap, and MongoDB system to streamline surplus food donations from donors to NGOs/food banks. Implemented dynamic agent assignment, real-time updates, and responsive design, optimizing the donation process and ensuring efficient coordination.

Vehicle-and-Speed-Detection-Using-OpenCv

- Developed an advanced vehicle tracking system using Python, incorporating Car and MultiCar classes to monitor and update vehicle positions dynamically. Implemented features like direction detection, state management, and age tracking to efficiently handle multiple vehicles with real-time updates and color differentiation.

ISP Management System

- Built a Basic Java Application using MySql + Swing
- Implemented JDBC

EDUCATION

BTech-Computer Science and Engineering(Artificial Intelligence)

Vishwakarma Institute of Technology · Pune,Maharashtra · 2026 · 8.87

CERTIFICATIONS

Google (Introduction to Cybersecurity)

Courcera · 2024

- it provides foundational knowledge in cybersecurity principles, threat detection, and defense mechanisms, equipping individuals with essential skills to protect digital assets and ensure data security.

Cert Prep: Unity Certified Associate Game Developer Scripting with C#

LinkedIn Learning

- proficiency in C# scripting within the Unity environment, essential for developing interactive and high-performance games. It validates skills that are crucial for a career in game development, enhancing employability and credibility in the industry.

Career Essentials in Generative AI by Microsoft and LinkedIn

LinkedIn · 2024

- validates expertise in cutting-edge AI technologies, emphasizing practical skills in AI-driven solutions.

SKILLS

C, Python , JAVA, JavaScript ,MySQL, Unity, Redis , Tableau ,Docker ,Spring Boot 3