

Gyan Vardhan

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EDUCATION

VIT Bhopal University, Bhopal <i>Bachelor of Technology in Computer Science and Engineering</i>	2022 – 2026 CGPA: 9.05
Dhruva Public School, New Delhi <i>Senior Secondary (Class XII)</i>	2019 – 2021 86.2%
Birla Vidya Mandir <i>Secondary (Class X)</i>	2017 – 2019 97.2%

PROJECTS

AiDocGen - AI Assisted Document Authoring Platform <i>Flutter, Firebase, FastAPI, Gemini API, Bloc</i>	April 2025 – Aug 2025 Source Code
<ul style="list-style-type: none">Engineered mobile-first document assistant that generates and refines .docx and .pptx content using Gemini AICrafted a structured Flutter UI with state management for outlines, editing flow, and project handlingBuilt a FastAPI backend for AI-driven content generation and automated document exportManaged user authentication and project storage using Firebase services for persistent, cross-device document access	
OrbitChat – Interactive Space Learning App <i>Flutter, Firebase, NASA APIs, Gemini API</i>	Nov 2024 – Jan 2025 Source Code
<ul style="list-style-type: none">Developed Gemini AI chatbot in Flutter/Firebase for interactive space educationIntegrated NASA APIs for real-time planetary data, news, and Mars weather updatesDesigned 7 space-themed learning modules, boosting engagement among childrenEnabled offline caching with Firebase, ensuring learning access without internet	
InsightPay – Smart Expense & Insight Tracker <i>Flutter, Firebase, FastAPI, Gemini API</i>	Jun 2024 – Oct 2024 Source Code
<ul style="list-style-type: none">Created a mobile app for automated expense logging and personalized financial insightsIntegrated OCR with Gemini API to extract structured data from bills and receiptsImplemented FastAPI backend for analytics, category prediction, and monthly summariesUtilized Firebase Auth and Firestore to maintain real-time expense records and seamless cloud sync	

TECHNICAL SKILLS

Concepts: Data Structures, OOP, Computer Networks, Operating Systems, DBMS, Machine Learning
Frameworks: Flutter, Firebase, FastAPI, MongoDB, REST API, AWS Cloud Services, Scikit-learn, NumPy
Programming: Dart, Java, Python, SQL

CERTIFICATIONS

Introduction to TensorFlow for AI, ML, and Deep Learning – DeepLearning.AI Certification	Aug 2025
Machine Learning with Python – IBM Professional Certification	Oct 2024
OCI Data Science Professional – Oracle Cloud Infrastructure Certification	June 2025
Basics of Unity and C# Development – Meta Certification	Sept 2023

EXTRACURRICULAR ACTIVITIES

- Shortlisted to showcase a technical project at **VIT Bhopal Industrial Conclave 2024**, held on 3rd August 2024.
- Core Team Member in Android Development Team of GDG VIT Bhopal, from December 2023
- Contributor at GirlScript Summer of Code (GSSoC) 2024 – contributed to 4 open-source repositories.
- Advanced to the second round of the **NASA Space Apps Hackathon 2024** with **OrbitChat**, a collaborative AI communication tool.
- Developed and demonstrated a data model for asteroid impact threat analysis at **NSSC 2024**, IIT Kharagpur.
- Published and presented a paper on Neuromorphic Computing at **VIVIBHA National Conference 2024**.