Harsh Vishwakarma

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Education

Maharishi Markandeshwar Deemed To Be University , B.Tech in Computer Science

- **CGPA:** 7.5/10.0
- **Coursework:** Computer Architecture, Data Structure and Algorithms, Computational Theory

Experience

Flutter Developer, **MedCortico** – Delhi, India   Nov 2024 – Feb 2025

- **Leading development** of an **EMR Application** to eliminate manual typing in medical documentation.
- Automating voice-to-text conversion, reducing documentation time by **60%**.
- Enhancing document speed and accuracy, increasing **operational efficiency** by **50%**.

Core Team Member, **Google Developer Groups** – Ambala, India   Sep 2023 – Working

- Actively contributing to the club by volunteering for **App Dev, Blockchain mentoring**
- Developing **cross platform** applications using **Flutter** and **Firebase** for **Hackathons**
- Delivering **strategic expertise** to enhance the club's growth and overall well-being.

Projects

MemoryBox
https://github.com/HarshtheGeek/memory_box

- Integrated features to enhance **daily living and cognitive engagement**, fostering meaningful interactions and improved memory retention.
- Achieved a **30% increase in caregiving efficiency** through automated reminders, activity tracking, and personalized cognitive exercises.
- **Tools Used:** Flutter, Firebase, NodeJS, MongoDB, Mongoose, Express JS

FarmGPT
https://github.com/HarshtheGeek/FarmGPT

- AI-driven platform delivering precise **disease diagnostics, treatment recommendations, and preventive insights** for agricultural crops.
- **Real-time** plant and soil analysis through image capture and upload, enhanced by **multi-language support** for global accessibility.
- Integrated **Gemini API-powered** chatbot offering context-aware, accurate responses to agriculture-related queries, streamlining decision-making.
- **Tools Used:** Flutter, Firebase, Gemini API

Technologies

Programming Languages: C++ | Python | Dart | Solidity | JavaScript | C Language

Frameworks & Libraries: Flutter | Foundry | Express.js | Mongoose | OpenCV | GetX | Riverpod

Backend & Databases: Node.js | Firebase | MySQL | MongoDB | REST API's | GraphQL

Achievements

Android App Challenge Winner (2024) — Sponsored by Google, organized at Chandigarh University.

Top 6 Finalist in National Innovation Award (2024) — Held at Panipat Institute of Technology.