Amit Krishna

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Location: 📍 Punjab

Education

Lovely Professional University	**Phagwara, Punjab**
Bachelor of Technology - Computer Science and Engineering	*2023 – 2027*
CGPA: 8.63	
Montfort Inter College	**Lucknow, Uttar Pradesh**
12th — Percentage: 72.60%	*2022 – 2023*
Cambridge	**Lucknow, Uttar Pradesh**
10th — Percentage%-89.6	*2020 – 2021*

Internship

Lovely Professional University

Punjab

🔗 https://ums.lpu.in/
Objective: We learned DSA with C++ and Logic building
Project Built: Contact Tracing App using BFS and stack

Projects

Advice AI | Next.js, Supabase   **Sept, 2025**

🔗 https://advice-friend-nxo1yw9x1-amits-projects-854000a9.vercel.app/

- Built "AdviceFriend" – an AI-powered Next.js web app using Supabase backend and deployed on Vercel.
- Implemented user authentication, REST APIs, dynamic routing, and community interaction features.
- Designed responsive UI and integrated real-time data storage with PostgreSQL via Supabase.
- Repository Link: https://github.com/Amit-Krishna/advice-friend

Video-speed-controller-Extension | Manifest, HTML, CSS, JS

- Built a **Chrome extension (Manifest V3)** to control playback speed of any HTML5 video with customizable HUD and keyboard shortcuts.
- Implemented **programmatic content injection**, **per-site speed settings**, and **internationalization (i18n)** for accessibility and global use.
- Designed for **cross-browser support (Chrome, Edge, Firefox)** with persistent user configurations and modern security practices.
- Repository Link: https://github.com/Amit-Krishna/Video-speed-controller-Extension-

Chatbot-Public-Speaking

- Built an **AI Public Speaking Assistant** using **Flask and Google Gemini** that helps users prepare, draft, and analyze speeches.
- Implemented **context-aware NLP** with strict topic scoping, follow-up recognition, and conversation memory.
- Designed structured prompts, **session-based state management**, and **secure environment configuration** using `.env`.
- GitHub Repository: https://github.com/Amit-Krishna/Chatbot-Public-Speaking/tree/main

NYC Motor Vehicle Collisions

- Performed **EDA on NYC collision data** using Excel to identify accident trends, risk factors, and high-impact zones.
- Created an **interactive dashboard** using Pivot Tables/Charts to visualize severity, contributing causes, and time-based patterns.
- Engineered derived features (e.g., crash severity, time of day, day type) and handled missing data with Excel preprocessing techniques.
- Extracted actionable insights on **distraction-related accidents**, **vehicle involvement**, and **seasonal fatality trends**.
- GitHub Repository: https://github.com/Amit-Krishna/EDA-Dashboard/tree/main

Certificate / Certifications

Full Stack Web Development
Udemy
Privacy and Security in Online Social Media
Udemy
Community Development Project
https://foodboxfoundation.org/
Conflict Management - How to Deal with Difficult People
https://www.udemy.com/

Skills

Languages C++, Java, C, Python, HTML, CSS
Technologies/Frameworks:
Git, GitHub
Domain Skills:
Data Structures and Algorithms, Problem-Solving, Data Analysis, EDA and Visualization, Analysis using Excel and Power BI