Ayush Bhardwaj

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Introduction

Aspiring Software Engineer with a strong interest in software development and a solid foundation in web technologies and software frameworks. Passionate about building scalable, efficient applications and continuously learning modern tech stacks to solve real-world problems.

Education

Noida Institute of Engineering and Technology, Btech CSE-AIML   2022-2026
- GPA: 7.91

RADIANT ACADEMY,Noida, 12th   2021-2022
- Percentage:-80.3

Achievements and Competitions

Trinit Hackathon- Python,Keras,Neural Networks   Sep-2024
- Participated in the TriNit Hackathon, collaborating with a team and developed a Image Caption generator gaining hands on experience in development and teamwork.

Projects

1.Twitter Agent   github/X.git
- A lightweight AI-powered Twitter automation agent built using the Model Context Protocol (MCP) server architecture. With a single natural language prompt from the terminal, the agent generates a context-aware tweet and posts it to Twitter. The project showcases seamless integration of LLMs with real-time command-line interfaces and social media APIs for automated, intelligent content creation.
- Tools Used: MCP-server,Express,Nodejs,javascript,Gemini-2.5-flash

2. Discuss - A community Platform   github/Discuss.git
- Developed a full-stack discussion forum web application where users can explore topics, create and join discussions, and share posts with each others. Used Next-auth for user authentication with Github as a provider.
- Tools Used: Next.js, NextAuth, Typescript, ShadCn, Reactbits, Prisma, Tailwind, Sqlite.

3. Image Enhancer   github/image.git
- Built a responsive and user-friendly web application that enhances image quality using AI-powered APIs. The tool allows users to upload low-resolution or blurry images and receive high-definition, visually improved versions within seconds.
- Tools Used: React ,Tailwind,Cloudflare Pages,API-development, Axios.

4.VibeCall – Modern Video Calling and Meeting Application   live link
- Developed a full-featured video conferencing application with secure authentication and user management using Clerk.Integrated Stream Video SDK to enable high-quality, real-time video meetings with personal meeting rooms and call recording support.
- Tools Used:- Next.js, Stream Video SDK, Clerk, Tailwind CSS

Technologies

Proficient With: Python, Javascript, Typescript, HTML, CSS, NextJS, Git, NodeJS, Express, React, Data Structures, Tailwind, Github.

Have Knowledge about: SQL, NoSQL, Prisma, Cloudflare, ML-algo,REST API's , Socket.io, MCP-servers, Web-LLM's, GenAI.

Certifications

IBM AI Certifications: Introduction to AI (88.87%), AI using IBM Watson (93%),AI Chatbots (90%). **University of Toronto:** Human centered Design for Inclusive Innovation. **University of Michigan:** Python Basics(100%) **Rice University:** Python for Data Analytics(94%) | Statistical Analysis.(89%)