User Details

Mohit Chawla

Location

SukhSagar Nagar, Pune

Research Work

- [ML4CURE - Machine learning for Healthcare (2023 8th i2ct)](#)
- [Polyfund : Polygon - Based Crowdfunding Dapp (2023 8th i2ct)](#)
- The Rise of AI-Generated News Video (Easy Chair)

Position of Responsitbilities

AIML Coordinator
MLSC Vit Pune

Multimedia Coordinator
CSI Vit Pune

Outreach Coordinator
MUN Vit Pune

Achievements

Secured the runner-up position in Hacknight Hackathon by Blackrock and won ₹40,000. Additionally, our team has consistently excelled in various hackathons, winning over ₹50,000 in cash prizes. Notable projects include text-to-video automation, AI-powered video editing, and a gesture-based game controller.

Extra Curriculum

Freelancing
Project management and Development
A website for a neet student mentorship company with personalized student features, Test system , and discord automation.

Content Creation
I've leveraged video editing and motion graphics to create engaging content. Notably, I've helped an edutech startup grow and produced videos for the MLSC club, resulting in over 27k views in 3 days and 1000+ hackathon registrations.

Contact

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in Mohit Chawla

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🌐 Portfolio

List all Projects in topic and subtopic form.

- **Edit ai : AI Automated Video editing and production** (co-*founder and lead GenAI Engineer*) [Jan 24- April 24]
  - Leading RnD and development of AI SAAS called EditAI, an AI-driven video editing and production platform supporting videos with and without faces.
  - 100% automated editing with manual editor for human touch reducing manual editing time by 70%.
  - Created structured datasets, fine-tuned OpenAI models, and generated context-relevant outputs based on script intent and target audience.
  - Automates graphics, b-rolls, sfx, bgm, transitions, and trendy subtitles for editing.
  - Tailored for businesses and creators, with focus on model optimization and streamlined pipelines.

(Indian Patent)

- **Greeny : Invest Sustainably:** (*Blackrock Hackathon Runner-up*) [August 24]
  - **Investment recommendations:** Suggests investments based on your spending habits, how green you want to be, and your real-time risk comfort analyzing profitability, piotroski, carbon emissions, human rights, and ethics, geopolitical and political impact, etc.
  - **Tokenized Vertical Farming:** Create a new sustainable asset class for investors i.e. tokenized plantations and distribute revenue between investors and farm owners.
  - **Smart AI:** Includes a chatbot that answers your questions and sends smart notifications which will remind you why green stocks are a good idea to invest in!

- **YouTube Automation for Trend Analysis and Content Management** [March 24]
  - Implemented automated processes utilizing AI agents for trend research and SEO-driven content creation.
  - Optimized content creation pipeline, delivering relevant content 30% faster and boosting audience engagement by 20%.

- **Advanced AI chatbot made while TE connectivity AI Cup** [April 24]
  - Rag based Ai chatbot with **Fallback mechanism, Auto-routing and self-correction** (to avoid hallucination) with Ai tools integrated and **auto smart dataset updation.**
  - Provided faster solutions for employees at TE Connectivity to identify and resolve problems via a chatbot, leveraging tools and dynamic datasets.
  - We analyzed average daily queries and resolution times in TE dataset which indicates this approach can **save up to 64 hours monthly**, improving speed and clarity while reducing potential issues in problem-solving.

- **Sentiai (Customer Call Analysis and Executor/agent training assistant):** [March 24]
  - Developed an AI-powered solution to analyze customer support, helpdesk, and sales calls, providing structured outputs to enhance agent performance and customer satisfaction.
  - By analyzing customer replies, agent responses, wait times, feedback, and other factors, it generates detailed insights such as timestamped sentiment analysis, customer satisfaction scores, professionalism ratings, and engagement levels.
  - This solution helps train customer support agents by providing actionable suggestions to improve response quality and accuracy, ultimately leading to increased customer satisfaction, engagement, and service.

Skills needed for the above projects.

Technical Skills:
1. LLM Based Applications development
2. LLM fine-tuning (lora, qlora, reft, peft) [with unsloth]
3. LLM orchestration (langchain, llamaindex)
4. Full stack Web development (Django)
5. Python Scripting
6. Web Scraping
7. Computer Vision
8. API Integration
9. DSPy Prompt Programming

Soft Skills:
1. Problem-solving
2. Innovation
3. Strategic project management
4. Creativity
5. Leadership

Technical Languages:
1. Python
2. Java
3. JavaScript
4. C/ C++

Education

B.Tech, Artificial Intelligence And Data Science

Vishwakarma Institute of Technology, Pune
2022-25
CGPA: 8.93/10

Senior Secondary (XII, Science
CBSE board
Year of completion: 2021
Percentage: 82.00%

Secondary (X CBSE board
Year of completion: 2019
Percentage: 90.00%

Summarise

Passionate in developing innovative solutions for automation and machine learning applications. Proficient in utilizing AI technologies and algorithms to drive efficiency, enhance processes, and optimize performance. Committed to staying abreast of emerging technologies and industry trends to shape the future of AI and automation. Skilled in collaborating with cross-functional teams, I am dedicated to contributing to the growth of organizations by leveraging my expertise to develop scalable and intelligent solutions.