

Shryesth Pandey

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[LinkedIn](#) | [Github](#)

SUMMARY:

Dynamic tech enthusiast with a strong problem-solving mindset, specializing in AI and cutting-edge technologies. Eager to contribute innovative solutions in a collaborative team environment.

TECHNICAL SKILLS:

- **AI/ML Techniques & Tools:** Fine-tuning with Custom Data, Vector Embedding, NLP, IBM Watson
 - **Generative AI Technologies:** Llama2, OpenAI, Google GeminiPro, SeamlessM4T, BART
 - **Frameworks & Tools:** TensorFlow, PyTorch, LangChain, Streamlit, Gradio, OpenCV
 - **Front-End:** HTML5, CSS, JavaScript (React.js)
 - **Programming Languages:** Python, C, R
 - **Database Systems:** MySQL, Postgres (basic familiarity)
 - **Cloud Platforms:** AWS (basic familiarity)
 - **Tools:** Git/Github, Docker, WSL (Windows Subsystem for Linux)
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EXPERIENCE:

[\[Demo\]](#) **Text to Video Generation** | *MythScape* | *AI Intern* | *January 2023 - January 2024*

- Automated video generation from Govt. Press Releases using BeautifulSoup, BART/Spacy, Meta's translation & TTS model.
- Implemented Gradio-based web interface for seamless user interaction, resulting in a 30% increase in video creation efficiency.
- Produced engaging 60-second videos using OpenCV.

[\[Github\]](#) **AI Tool for Conversational Control and Customization** | *Capstone Project* | *December 2023 - January 2024*

- Designed and implemented a user-friendly text generation tool leveraging LLaMA2 and BART frameworks.
- Tailored summaries to user preferences, achieving a 20% improvement in summarization efficiency.
- Enhanced user experience and global accessibility by integrating multilingual options.

[\[Github\]](#) **360° (Degree) News Feedback** | *Smart India Hackathon* | *Grand Finalist* | *November 2023 - December 2023*

- Developed an application for the Government of India to gather feedback from news sources.
 - Utilized automated data acquisition and advanced sentiment analysis techniques, resulting in a 20% reduction in crisis escalation. Streamlined communication and boosted departmental engagement.
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EDUCATION:

SRM University, Delhi-NCR Sonipat | *B.Tech in CSE With Specialization in DS & AI* | *2020 - 2024* | *GPA of 8.2 (Avg.)*

Hackathon Achievements:

- **Grand Finalist**, Smart India Hackathon 2023: Project: "360 Degree Feedback System"
- **Grand Finalist**, Smart India Hackathon 2022: Created system for "Analysis of content against sovereignty of India" from social media.
- **Winner**, Toycathon 2021 Digital Edition : "Project Mythos"

Entrepreneurship & Innovation:

- Student Coordinator, Center for Innovation, Incubation & Entrepreneurship, SRM University (2021 - 2023).
 - Led workshops on Arduino, Raspberry Pi, and ESP8266.
 - Organized 3 hackathons: 2 intra-university and 1 inter-university, spanning various Software Development Domains.
 - Directed projects in Self-driving cars, Face-following drones, Swarm Robotics, & Home Automation.
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CERTIFICATIONS:

- [\[Certificate\]](#) **Machine Learning with R**, IBM SkillBuild
- [\[Certificate\]](#) **Cloud Application Developer**, IBM SkillBuild
- [\[Certificate\]](#) **Data Analysis with Python**, IBM SkillBuild
- [\[Certificate\]](#) **Artificial Intelligence Analyst**, IBM SkillBuild
- [\[Certificate\]](#) **Adobe UX Foundation Learning Journey**, Adobe & NASSCOM