SHIVAM PRASAD

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SUMMARY

Passionate computer science student specializing in AI and automation with hands-on experience in Python, machine learning, and full-stack development. Skilled in building intelligent assistants, AI-powered tools, and automation utilities. Seeking an internship to contribute technical skills and grow in a fast-paced, collaborative environment.

PROJECTS

MoodifyAI -Emotion based music recommendation
GitHub: https://github.com/shivamprasad1001/MoodifyAI

- Built a facial emotion recognition system using FER-2013 & RAF-DB.
- Integrated with a music recommendation system based on mood.
- Deployed using Flask & Hugging Face Spaces.

AI Desktop Assistant - Natural Language App Controller
GitHub: https://github.com/shivamprasad1001/AIDesktopAssistant

- Designed a smart assistant to understand 39 natural language intents.
- Used custom-trained intent classification and NER models.
- Enabled app control, reminders, music, wallpaper, and automation via natural language

ADB-wireless-toolkit – Android Wireless Debugging Utility (Python + Bash)
GitHub: https://github.com/shivamprasad1001/adb-wireless-toolkit

- Developed a CLI tool to automate ADB wireless pairing, IP detection, and seamless device control over LAN
- Integrated fast access to features like remote shell, file transfer, app launching, and screen mirroring

EDUCATION

Bachelor of Technology in Computer Science
Nitra Technical Campus   2022 - present

- Specialization in Artificial Intelligence and Web Technologies
- Working on a project-focused thesis: "*Building Real-World Assistants with Intent Detection and Automation.*"

CERTIFICATIONS

Artificial Intelligence A-Z 2025: Agentic AI, Gen AI, and RL (udemy)   *Certificate*

TECHNICAL SKILLS

- Languages: Python, JavaScript, Bash
- Frameworks & Libraries: Flask, PyTorch, OpenCV, Socket.IO
- Tools: Git, GitHub, Firebase, ADB, Netcat, SSH, REST APIs, Google Sheets API
- AI/ML: CNNs, Transformers, NER, Intent Detection, Reinforcement Learning

ADDITIONAL INFORMATION

- Building custom AI and automation tools for startups and creators
- Experienced in rapid prototyping and open-source contributions
- Passionate about Agentic AI, desktop assistants, and viral content bots
- Skilled in ADB, SSH, Netcat, and Linux scripting
- Languages: English, Hindi