Harshvardhan Gehlot

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Experience

Artificial Intelligence Intern, IBM India.   **May 2024 – Oct. 2024**
- Collaborating on AI-driven projects involving machine learning and data science solutions. Resulting in a 30% reduction in manual tasks through automation.
- Developed and deployed an AI based Itinerary Engine, creating optimized and personalized tour plans.

Cyber Security competitor, WorldSkills India.   **Jan 2024 – May 2024**
- Demonstrated advanced cybersecurity skills, achieving a Medallion of Excellence at India Skills 2024 and a Gold Medal at Rajasthan Skills 2024.
- Attempted 13+ vulnerability assessments, and **successfully completed 90%** of them within the simulated environments.

Projects

PATHINTEL – An Itinerary Engine.   **Link**
- Collaborated in a team to develop an AI-powered itinerary engine that generates personalized travel itineraries based on user preferences, locations, and trip duration.
- Scraped and processed data from various online sources, improving the accuracy of itineraries by 30%.
- Developed a chatbot feature to provide instant tour guide assistance, handling 200+ user queries per day and improving **user engagement by 35%.**

CHATBHARAT - A Social Media Platform.   **Link**
- Developed an interactive social media platform enabling real-time communication through messages and comments.
- Implemented scalable messaging features that reduced server response time by 45%.
- Tech Stack: Js, Tailwind, Django/Python, MySQL and Websockets.

SOCIAL PHOBIA ASSESSMENT - SPIN Analysis.   **Link**
- An OS contribution to a **Kaggle Dataset**. increasing **model accuracy by 25%** in detecting social phobia levels.
- Optimized data processing time by **20%** through efficient use of libraries.
- Implemented SPIN analysis to detect social phobia level of user through a test.
- Tech Stack: Django, Python, Seaborn, Pyplot, Matplotlib, Pandas and Supervised Learning Techniques.

RADIANCE ATTIRE - An E-commerce Platform.   **Link**
- Worked as a Support lead, responsible for optimizing the backend.
- Tech Stack: Bootstrap, jQuery, Laravel, MySQL and API Integrations.

Education

Manipal University Jaipur Online, Masters in Computer Applications.   **July 2024 – Present**
- **Coursework:** Computer Architecture, Artificial Intelligence, Blockchain Technologies, Cyber Security.

Awards

Medallion of Excellence - National level recognition in Cybersecurity at **IndiaSkills 2024**.
Gold Medal - State level recognition in Cybersecurity at **RajasthanSkills 2024.**

Certificates

- **Cloud Computing Fundamentals** - IBM   **Link**
- **Enterprise Design Thinking Team Essentials for AI** - IBM   **Link**

Skills

Languages: JavaScript, Django, FastAPI, python, AngularJS, NodeJS, TypeScript, SQL, php, MongoDB, Flask.

Software and Tools: Cisco Packet Tracer, Git, IBM Cloud.