Ayan Ahmed Khan

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EDUCATION

Madhav Institute of Technology and Science (MITS) — Gwalior, MP, India
Bachelor's degree in Information Technology (Specialization in IoT), SGPA: 8.87 — *Aug. 2023 – May 2027*

Bright Convent H.R Secondary School — Gwalior, MP, India
12th Grade, Percentage: 78% — *Mar. 2021 – May 2023*

Atmiya Vidya Mandir — Gujarat, India
10th Grade, Percentage: 91% — *Feb. 2020 – May 2021*

EXPERIENCE

Frontend Developer Intern — Sep 2024 – Dec. 2024
Podoshphere (Rebranded to Synk In) — *Hybrid*

- Contributed to the rebranding and relaunch of the company website, aligning its design and functionality with the new identity of Synk In.
- Enhanced website design and functionality to align with Synk In's brand identity, improving user retention by 20% and strengthening digital presence.
- Collaborated with a team of 3 members to successfully complete the rebranding project, adhering to project goals and deadlines..
- Optimized website performance, reducing page load times by 40%, which significantly enhanced user satisfaction and accessibility.
- Contributed to establishing the rebranded website as a core element of Synk In's digital strategy, boosting credibility and visibility in the industry.

PROJECTS

Flipkart Data Extractor — Python, Selenium, BeautifulSoup, Pandas
Automated Web Scraping Tool — *July 2023 – Aug 2023*

- ∗ Developed a web scraping tool using Selenium and BeautifulSoup to extract product data from Flipkart in real-time.
- ∗ Cleaned and processed the scraped data, and stored it in Excel files using Pandas for analysis.
- ∗ Automated the process to ensure efficient, real-time data extraction.

Virtual Lab System — PHP, MySQL, XAMPP, HTML, CSS, JS
Electronic's Virtual Lab with Visualization and Responsive Design — *Dec. 2024 – Present*

- ∗ Developing a robust login and signup system for a Virtual Lab platform using PHP and MySQL for backend, with HTML/CSS for frontend.
- ∗ Ensuring the website is fully responsive, providing a seamless experience across desktop, tablet, and mobile devices.
- ∗ Optimizing the front-end layout and design for different screen sizes, ensuring accessibility and a user-friendly interface.

InfiAI — Python, Streamlit, Langflow, AstraDB, LangChain
Retrieval-Augmented Generation (RAG) AI Application — *JAN 2025 – FEB 2025*

- ∗ Developing an AI-powered RAG application that integrates LangChain, Streamlit, and AstraDB for real-time information retrieval.
- ∗ Utilizing Langflow to design and visualize LangChain workflows for seamless AI-driven responses.
- ∗ Implementing AstraDB as a vector database to store embeddings and enable efficient semantic search.
- ∗ Building an interactive frontend using Streamlit to provide a user-friendly experience.

SKILLS AND ABILITIES

Languages: C, C++, Python, MySQL, HTML, CSS, Javascript
Coursework: Data Structures & Algorithms, Operating Systems, Database Management System, Computer Networks, Object-Oriented Programming, Discrete Structures, Probability and Random Process
Developer Tools: Git, XAMPP, Github, PowerBI, Visual Studio, PyCharm, IntelliJ,AstraDB
Libraries: Langflow,pandas, BeautifulSoup, Selenium, Bootstrap