Soumya Maheshwari

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Education

Qualification	Institute	Year
B. Tech + MBA (Artificial Intelligence)	NMIMS's MPSTME, Mumbai	2027 (Expected)
Higher Secondary School	Puna International School, Ahmedabad	2022
Secondary School	Delhi Public Schoool, Gandhidham	2022

Experience

Founder's Office   **Komma Financial Technologies, Gurugram (Hybrid)**
Nov 2022 – Jan 2024

- **Designed** Figma wireframes and prototypes for web/mobile applications, improving user engagement.
- **Led hiring processes**: Created psychometric tests, job descriptions, and screened candidates.
- **Developed responsive web pages** using Webflow, ensuring multi-device compatibility.

Founder's Office   **BabyKavach, Gurugram (Hybrid)**
Jan 2024 – Present

- **Developed React components** for features like Growth Chart and MAMTA card integration.
- **Contributed to onboarding 30,000+ users** by collaborating with schools, enhancing social media presence, running Meta ads, and engaging influencers as part of a dedicated team effort.
- **Increased engagement by 25%** through targeted Meta Ads campaigns and analytics-driven strategies via integration pixels.
- **Integrated payment gateways**, enabling secure app transactions.

Key Projects

ECLIPSE (Enhanced Cognitive Linguistic Interactive Personal Support Engine)   *Sep 2024*

- **Developed a personalized chatbot**, fine-tuned using Llama 3.2 and BERT for advanced speech to speech capabilities.
- **Integrated features like calendar management and music streaming** for tailored assistance.
- **Implemented continuous learning**, ensuring chatbot improvement with each interaction.
- **Deployed on AWS**, providing efficient real-time performance with custom-built APIs.

Hexalith (Conversational Image Recognition Chatbot)   *Oct 2024*

- **Utilized YOLOv8** for object detection and Llama 3.2 for conversational AI.
- **Built a Flask-based backend**, integrated with MySQL for seamless data management.

School Database Management System (Prakash Vidya Bharti School) *Dec 2023*

- **Developed a SQL-based database**, streamlining administrative and academic data management.

- **Created a teacher portal**, increasing operational efficiency by 30%.

Skills

- **Artificial Intelligence:** Neural Networks, Deep Learning, and Machine Learning techniques.

- **AI Tools:** Proficient in Python, TensorFlow, PyTorch, Hugging Face, and Scikit-Learn.

- **Model Development:** Hands-on experience fine-tuning GPT, BERT, and Llama 3.2.

- **Cloud Deployment:** Skilled in AWS and Azure for real-time applications.

- **Programming:** Expertise in Python, JavaScript, React, and SQL.

- **UX/UI Design:** Experience with Figma, Webflow, and user-centric optimization.

- **Time-Series Analysis:** Proficient in RNNs and LSTMs for sequential data modeling.

- **Hiring and Recruitment:** Designed psychometric evaluations, created job descriptions, and managed hiring processes.

- **Operational Efficiency:** Streamlined workflows by integrating tools like payment gateways and analytics systems.

- **Marketing Strategies:** Stratagized targeted campaigns, increasing user engagement by 25% through innovative outreach methods.