

# Soumya Maheshwari

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LinkedIn · GitHub · Portfolio

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## 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 – Jan 2025

- **Developed React components** for features like Growth Chart.
  - **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.**
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## Projects

### PhotoCortex — AI-Powered Image Intelligence

April 2025

- **Computer Vision:** Developed AI-powered image analysis tools to automate visual data processing pipelines.
- **Model Development:** Built and fine-tuned deep learning models for object detection, segmentation, and anomaly detection.

### ECLIPSE — Enhanced Cognitive Linguistic Interactive Personal Support Engine

Sep 2024

- **Developed a personalized chatbot**, fine-tuned using LLaMA 3.2-8B and BERT for advanced speech-to-speech capabilities.
- **Integrated features like calendar management and music streaming** and multiple such tasks for tailored assistance.
- **Implemented continuous learning**, ensuring chatbot improvement with interaction.
- Deployed on **AWS EC2** for scalable, real-time use.

### Hexalith — Conversational Image Recognition Chatbot

Oct 2024

- **Utilized YOLOv8** for object detection and LLaMA 3.1-Instruct for conversational AI.
  - **Built a Flask-based backend**, integrated with MySQL for seamless data management and memory retention.
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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	2020

# 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.
- **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.