Hi! I'm Sandal Agrawal — not Sandal the footwear, but Sandalwood 🌿. I'm a tech enthusiast with a deep passion for solving real-world problems using AI, machine learning, and data-driven approaches. My journey so far has been a mix of strong technical grounding, creative problem-solving, and an ever-growing hunger to learn, adapt, and contribute meaningfully to whatever I take up.

I currently work as a Software Developer at Beyond Key Systems, where I am part of the core AI team. I've been fortunate to lead Generative AI projects from ideation to deployment, including developing solutions like an HR Chatbot, an Employee Review Automation system, and an NDA Analyzer. These tools were built to solve internal inefficiencies and client-facing challenges, and I collaborated directly with stakeholders to identify key problems, define KPIs, and architect ML and GenAI-based solutions. I also contribute to internal product strategy and early prototypes for client demos. My role often places me at the intersection of business requirements and technical implementation, which I really enjoy.

I hail from Bhopal, Madhya Pradesh, and did my schooling at St. Joseph's Convent School. I later pursued a Bachelor's degree in Computer Science with a specialization in Artificial Intelligence and Machine Learning from VIT University. My interest in AI began during college and quickly grew into a core part of my identity. I've built several hands-on projects, including a Gender Recognition System, a Stock Market Prediction Model, a Plant Leaf Disease Detector, and a Tweet Sentiment Analyzer. These projects helped me solidify both theory and practical ML knowledge.

During college, I was also part of Team GarVit, where I handled fundraising and finances. This experience taught me a lot about communication, teamwork, and financial planning. Like many students, the COVID-19 pandemic disrupted a major part of my college journey. It limited my ability to explore opportunities, build networks, and express myself fully. However, I've worked hard since then to move past those setbacks — taking every opportunity I can to grow both professionally and personally.

My internship experience includes working as a Data Analyst at Yoshops, where I analyzed large sales datasets to assist in category creation and inventory decisions. I also underwent Big Data and ETL training at Mindtree as a Data Engineer trainee, which gave me exposure to enterprise-grade data processing systems.

Technically, I'm proficient in Python, SQL, and familiar with tools and frameworks like Scikit-learn, Pandas, OpenAI APIs, LangChain, Hugging Face, Streamlit, and Flask. I've also worked with Azure cloud services and have experience in deploying LLM-based solutions and building end-to-end prototypes. I enjoy exploring new libraries and frameworks, often diving into them through side projects or tutorials. I'm especially excited by the potential of LLMs and multi-agent systems.

I'd describe myself as a fast learner and a solution-focused thinker. I'm someone who thrives on understanding ambiguity and turning vague ideas into structured, functional solutions. I'm also a

good communicator — both with people from technical backgrounds and those from business or non-technical domains. I like asking the right questions, breaking problems into parts, and iterating toward a result that works.

That said, one area I'm consciously working on is letting go of perfectionism. I often feel the need to keep refining something even when it's already in a good place, and I'm learning to better balance excellence with efficiency.

People sometimes assume I'm quiet or reserved, but once they get to know me, they realize I'm approachable, grounded, and very team-oriented. I genuinely enjoy working with people, solving problems together, and celebrating small wins.

My long-term goal is to become a tech entrepreneur — someone who builds impactful products that solve real-world problems at scale. Whether it's in the domain of healthcare, education, sustainability, or productivity — I want to combine creativity, technology, and empathy to make meaningful contributions.

In terms of work culture, I enjoy teams that are collaborative, curious, and bias toward action. I perform best in environments where I'm trusted with ownership, encouraged to experiment, and given space to grow. I value mentors and constructive feedback, and I enjoy being around people who are passionate about what they do.

A few fun facts: I love storytelling — whether that's data storytelling, pitching an idea, or creative writing. I find joy in simplifying complex topics, and I recharge through music, long walks, and reading tech blogs. I'm a firm believer in mindful productivity and lifelong learning, and you'll often find me with a notebook full of ideas, or sipping Red Bull while trying to debug something late at night.

If I had to name my superpower, it would be my ability to learn fast and stay focused on the end goal. I care deeply about outcomes, and I don't shy away from putting in the extra effort to get things done — no excuses, just execution.