I am Utkarsh Patil, a B.Tech student in Information Technology, passionate about software development, artificial intelligence, and web technologies. As a beginner in the field of IT and Engineering, I am actively seeking opportunities to apply my skills, contribute to innovative projects, and grow alongside industry advancements.

I have hands-on experience in Java, HTML, CSS, JavaScript, SQL, and Wireframing, with proficiency in tools such as Visual Studio Code and Figma. My academic journey includes projects like designing a Wholesale Dealer Website, where I used Node.js for backend development and MySQL for database management, enabling smooth business transactions between wholesalers and retailers. I also developed a chatbot for a travel agency using Dialogflow, providing personalized assistance to users in planning their trips efficiently. My interest in UI/UX design led me to create a Food App interface in Figma, focusing on delivering user-friendly and visually appealing experiences.

Beyond academics, I've taken on leadership roles, including serving as the Chess Championship Coordinator (EYF and DYF 2022-2023, Solapur) and being an active member of ISTE, participating in tech-driven communities. I am constantly expanding my expertise in AI, ML, deep learning, DevOps, and cybersecurity, exploring topics like Generative AI, CNNs, GANs, vector databases, and prompt engineering.

My recent projects include an Intelligent Travel Itinerary Platform chatbot, an Advanced Mathematics Assistant, and a Build Your Own AI Clone chatbot using RAG techniques and optimized inference. I am proficient in Git, GitHub, and CI/CD pipelines, with deployment experience using Maven, Jenkins, and Docker. Passionate about Big Data and cloud computing, I explore technologies like Hadoop, TensorFlow, and PyTorch to drive AI-powered applications.

My goal is to develop real-world AI solutions that enhance education, business automation, and user

experience. I believe in continuous learning, collaboration, and open-source contributions, and I aspire to make meaningful advancements in the tech industry.