P18: AI-driven engineering design

Designing plays a pivotal role in product development, marking the crucial starting point. It encompasses diverse design types, such as 2D and 3D. I've acquired proficiency in the Unity Engine and even conducted a webinar on its application. Although commonly associated with game development, its principles hold relevance across various domains. The recent surge in AI innovations has been remarkable, with new tools emerging regularly. I've been actively exploring AI tools like InstantMesh, which can seamlessly convert 2D designs into 3D objects, showcasing the dynamic evolution of design technologies.

Designing stands as the crucial starting point in any product development journey, encompassing various forms like 2D and 3D designs. Due to the precision demands of the job, designing can often be time-consuming, prone to human errors, and lengthy iterations. However, the integration of AI brings forth remarkable efficiency and speed improvements. The recent surge in AI advancements has been notable, with new tools emerging regularly, each holding vast potential to revolutionize our interactions with the world. Moreover, we're witnessing the convergence of technologies such as drones and AR/VR, promising automated and cost-effective solutions. The opportunity to leverage these cutting-edge technologies to address real-world challenges serves as a powerful motivator for me to innovate and find creative solutions.

P13: Develop a Financial Planning AI tool

Similar to how mathematics and science are integral to our daily lives, financial planning is a crucial skill that everyone should learn. I began managing my finances as soon as I started earning, leading me to conceive a startup idea centered around creating a novel investment option. This concept involves enabling individuals to invest in content creators. I've engaged with a Tamil finance influencer to discuss essential financial knowledge that people should be aware of.

Even though financial planning is a fundamental necessity, not everyone grasps or adheres to it. However, understanding budgeting, investment, and risk management is crucial. This is where AI proves invaluable, simplifying comprehension and implementation. With AI, solutions can be massively scaled while remaining personalized to individual needs and goals. The capability to monitor progress and gain meaningful insights presents an incredible opportunity. The prospect of creating a tool accessible to everyone is highly motivating to me.