

CacheNova

- **Introduction - What is CacheNova?**

CacheNova is a testament to how LLMs could help revolutionize education and the self learning field. CacheNova is a self-building/hosting website that iteratively builds itself for whatever its users want to learn about, going from Subjects, to Fields, to sub-topics in minutes instead of months as in open-contribute forums like GFG.

And more importantly of all, it's a project that shows how awesome LLMs truly can be with just some help from us humans. Basically nothing on the website that a user reads is written or built by humans, but rather by automated pipelines (That might just have taken a lot of thinking to execute properly :P)

- **Problem Statement & Objective- Why CacheNova?**

The primary motivation behind CacheNova lies in addressing the limitations of traditional self-learning educational resources, the hunting for roadmaps and then for the content on individual topics, and instead presents a curated collection of articles- all built in a systematic path for any beginner to approach a topic with.

- **Tech Stack - How does CacheNova?**

- Front-End:
 - HTML/CSS
 - Javascript
- Back-End
 - Python
 - Neo4j, MongoDB
 - LLM serverless inference solutions
 - LangChain (Maybe?)
 - ElasticSearch/colBERT/FAISS (Gotta Choose)

- **Tracks (Where is CacheNova 🧐)**

- AI/ML
- Web Development

- **Team Cache Me If You Can (Who tf's behind CacheNova)**

- Sajay Raj
- Vedant Shrimali
- Ryyan Mathew Hasan
- Dhruval Padia