

Measuring the pulse of prosperity: An Index of Economic Freedom Analysis

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TEAM ID	LTVIP2026TMIDS89054
PROJECT NAME	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
MAXIMUM MARKS	4 MARKS

3.4 Technology Stack

A Technology Stack (Tech Stack) is the combination of programming languages, tools, frameworks, and software used to develop and run a project or application. It includes both front-end (user interface) and back-end (server-side) technologies along with databases and supporting tools.

Example Technology Stack (Student Project – Economic Analysis System)

- Front-End: HTML, CSS, JavaScript
 - Back-End: Python
 - Database: MySQL
 - Tools: Visual Studio Code, Git
 - Data Source: Reports from organizations like The Heritage Foundation and World Bank
- Types of Technology Stacks

- LAMP Stack: Linux, Apache, MySQL, PHP
 - MEAN Stack: MongoDB, Express.js, Angular, Node.js
 - MERN Stack: MongoDB, Express.js, React, Node.js
- Importance of Technology Stack
- Helps organize project development
 - Improves system performance
 - Makes maintenance easier
 - Supports scalability and security
 - Faster development process
 - Efficient data management
 - Better performance and reliability
 - Easy system maintenance and updates

If you want, I can also prepare System Architecture or Project Modules .