

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

DATE	28-02-2026
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

Advantages of a Proper Technology Stack

- 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 .