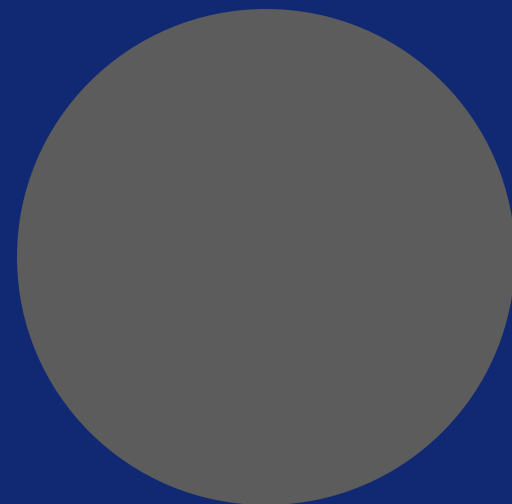


Git, GitHub, and Deployment

Understanding the Essentials of Modern Development Practices



Why Git

Version control allows you to track and manage changes in your project files.

Collaboration is enhanced through seamless sharing and coordination among team members.

Branching and merging enable safe experimentation without affecting the main project code.



Why GitHub Matters

Essential platform for collaboration and project visibility

Cloud Platform

GitHub provides a **versatile cloud solution** for hosting projects and managing code repositories.

Team Collaboration

With GitHub, teams can **easily collaborate**, track changes, and streamline workflows for projects.

Open-Source Projects

GitHub fosters a **thriving open-source community**, enabling developers to share code and innovate together.

Comparison of Git, GitHub, Deployment

Git	GitHub	Deployment
Tracks changes, supports teamwork	Hosts code, builds reputation	Shares work, enables growth & feedback

Fronted : Vercel,Github,Replit,Netlify
Backend:Render,Railway,Heroku,Aws