



# Complete GitHub Course

[www.aiquest.org](http://www.aiquest.org)

**Instructor:**

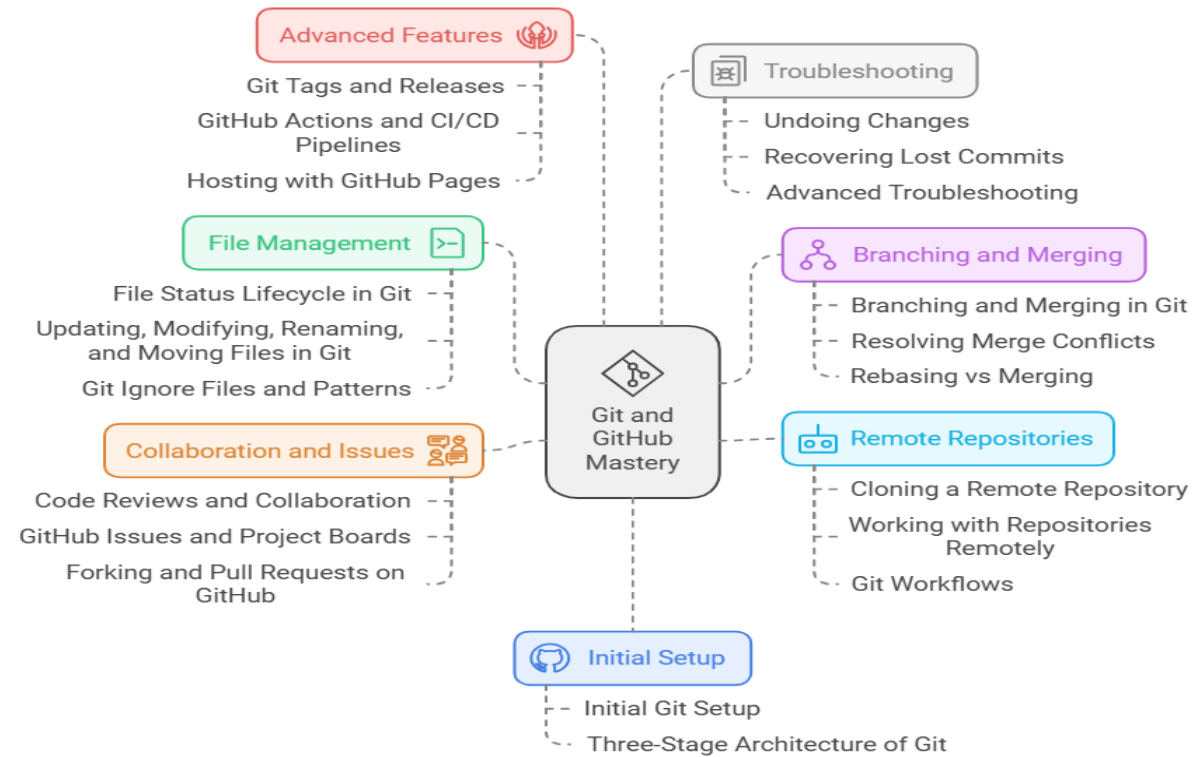
**Abu Noman Basar**

Software Engineer (Python), eAppair Ltd  
Django Instructor at aiQuest Intelligence



- ☐ Introduction to Git and Version Control
- ☐ Installing and Configuring Git
- ☐ Understanding Git Architecture: Working Directory, Staging Area, Repository
- ☐ Cloning a Remote Repository
- ☐ Tracking and Committing Changes ([add](#), [commit](#))
- ☐ Ignoring Files with [.gitignore](#)
- ☐ File Status Lifecycle in Git
- ☐ Branching and Merging
- ☐ Resolving Merge Conflicts
- ☐ Working with Remote Repositories ([fetch](#), [pull](#), [push](#))

- ☐ Forking and Pull Requests on GitHub
- ☐ Git Tags and Releases
- ☐ Undoing Changes (reset, revert, restore)
- ☐ Stashing Changes with git stash
- ☐ Viewing Commit History and Logs (log, diff)
- ☐ GitHub Issues and Project Management
- ☐ Hosting Projects with GitHub Pages
- ☐ Rebasing vs Merging
- ☐ GitHub Actions and CI/CD Integration
- ☐ Collaborating on GitHub: Code Reviews



**Visit:** <https://github.com/aiQuest-Intelligence/All-About-GitHub>