

Levels / Career ladders

American

- technical track
 - Junior developer / intern
 - Software developer (intermediate)
 - Senior software developer
 - Tech leader / tech lead
- Management track
 - Some programming (went to school to learn program management / BA / Product developers, etc.)

<https://career-ladders.dev/engineering/>

European

- some places American
- hybrid

Tech lead

- helps with assigning of tasks
- Review pull requests (GitHub, Gitlab, Bitbucket, etc.)

Tools

- Github/ Github pull requests
- Jira
- Code quality tools
 - Static analysis (introduced malware to code, viruses)
 - Conventions (e.g. PEP8 - e.g. flake8 and black)
 - CI/CD platforms - continuous integration/continuous deployment e.g. Github actions, Jenkins, Codepipeline, Azure DevOps, etc.