Individual development plan

The candidate during the 3-month program gets new knowledge about the newest software technologies, patterns & approaches. The trainee is responsible for solving test tasks, writing unit tests & explores project architecture front-end as well as back-end. The trainee gets a lot of new information through the provided books, articles, code in open-source repositories. Mentor devotes up two hours of his/her time to clarify tasks and immersion in new design technologies of the project. The whole steps of the trainee program described in “**Trainee Program.md**” file.

Trainee education plan:

* OOP, deep C# (.NET) knowledge
* Web services, Web Applications
* Client-Server Microservices & Monolithic architectures
* API Testing, Unit Testing
* Cloud computing, Distributed systems.
* Docker, Postman, Gitlab, CI/CD, etc. tools
* Solving test tasks
* Solving real project tasks

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| Goals | Description |
| The newest software technologies & frameworks | The candidate improves own knowledge about C# Framework, for instance, .NET Unit Testing, ASP.NET Core, .NET Core 2+, Postman. The Candidate starts to explore the Web sphere – JavaScript, TypeScript, Angular, etc. and its area for improvements |
| Technical skills | The candidate improves technical skills enough for Associate/Junior position. The candidate gets basic knowledge about design patterns & architecture patterns, cloud computing, communication protocols |
| Communication skills | The candidate demonstrates good communication skills inside team & with co-workers but is not ready to be independent of team lead during daily work activities |
| Computer Science | The candidate has got superficial knowledge about computer science in particular algorithm & data structures, concurrency and distributed systems. This is a great area for improvement |
| English skills | The candidate should improve English skills – speaking & writing. The candidate understands English technical articles & topics |
| Reporting skills | The candidate reports own daily activities qualitatively & in time |
| Test tasks | The candidate executes test tasks greatly without additional clarifications |