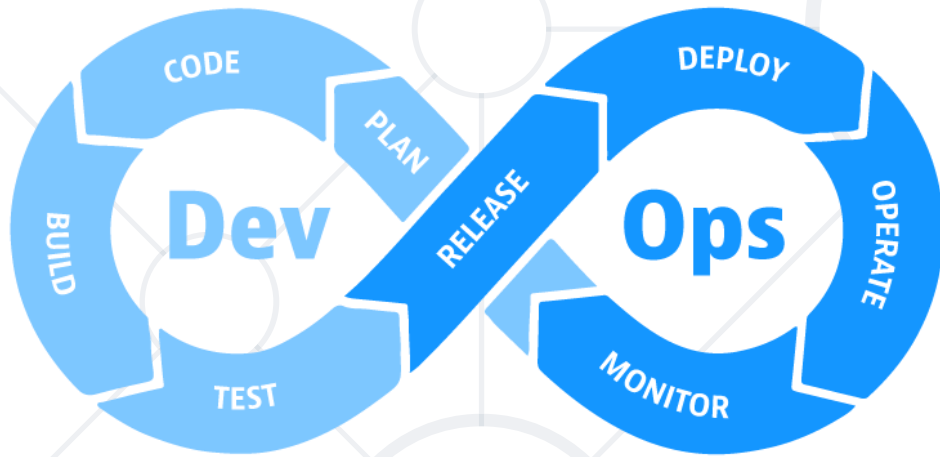


Software Engineering and DevOps

Course Introduction



SoftUni Team
Technical Trainers



SoftUni



Software University
<https://softuni.bg>

Have a Question?



sli.do

#Dev-Ops

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SoftUni Diamond Partners

**SUPER
HOSTING
.BG**



**Coca-Cola HBC
Bulgaria**



POKERSTARS
POKER | CASINO | SPORTS
a Flutter International brand

INDEAVR
Serving the high achievers



AMBITIONED

 **DRAFT
KINGS**



**SOFTWARE
GROUP**

createX



Postbank
Решения за твоето утре

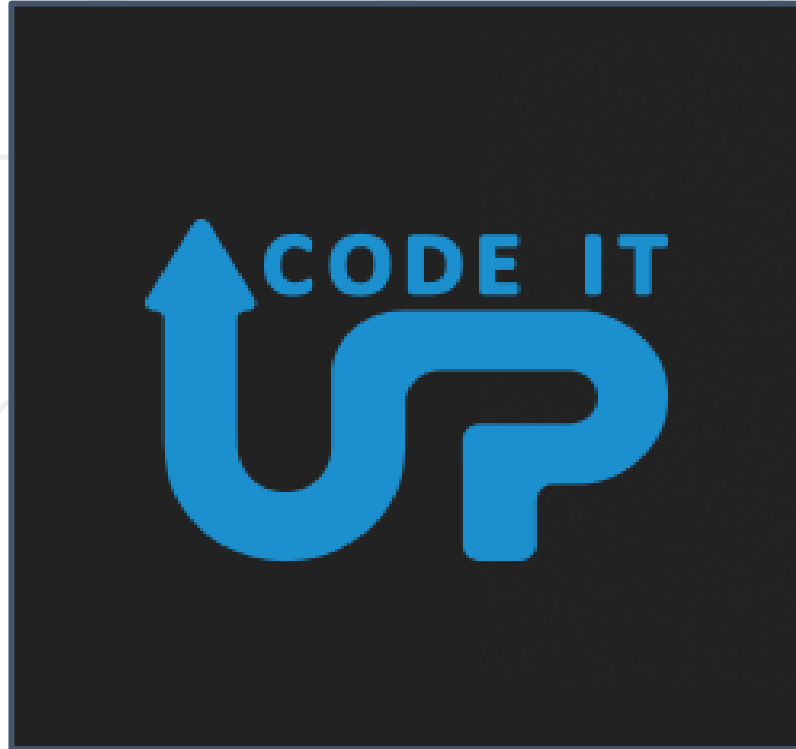


BOSCH

DXC
TECHNOLOGY



SmartIT





Course Program

- Software Engineering Fundamentals
- Source Control System, Git and GitHub
- Software Development Methodologies
- Git Branching and Pull Requests
- Automated Testing
- DevOps Overview
- Continuous Integration, CI/CD Pipelines
- Development and Test Environments





The Trainers Team

- **15+ years** of experience in the IT industry
- **Part** of the team that developed the **Raspberry Pi**
- Experience in **all areas** of Software Development - Backend developer, Automation, System design and other
- Helps various companies achieve their goals effectively





Course Organization

Course Timeline

20-Jun-2023

12-Aug-2023

18-Aug-2023


Software Engineering and DevOps

8 weeks * 2 times / week
12 credits

Start: 20-Jun-2023
Practical Exam: 12-Aug-2023
Theoretical Exam: 12-Aug-2023

Retake Exams

Practical Retake Exam: 18-Aug-2023
Theoretical Retake Exam: 18-Aug-2023



**Practical
Exam
100%**

Evaluation



- **Practical Exam** – 4h.
 - Students are given an existing JS app, with automated tests
 - Merge branch, fix the conflict, fix failing tests, implement CI, implement auto-deployment
- **Theoretical Exam** – 30min.
 - 20 questions with one correct answer



Resources

Course, Forum and FB Group

- Official web site:

<https://softuni.bg/trainings/4118/software-engineering-and-devops-june-2023>

- Official discussion forum:

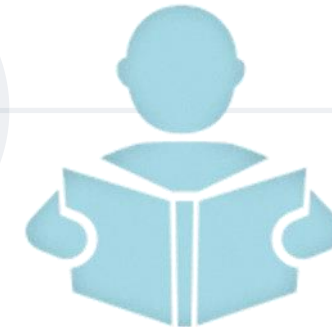
<https://softuni.bg/forum>

- Official Facebook group:

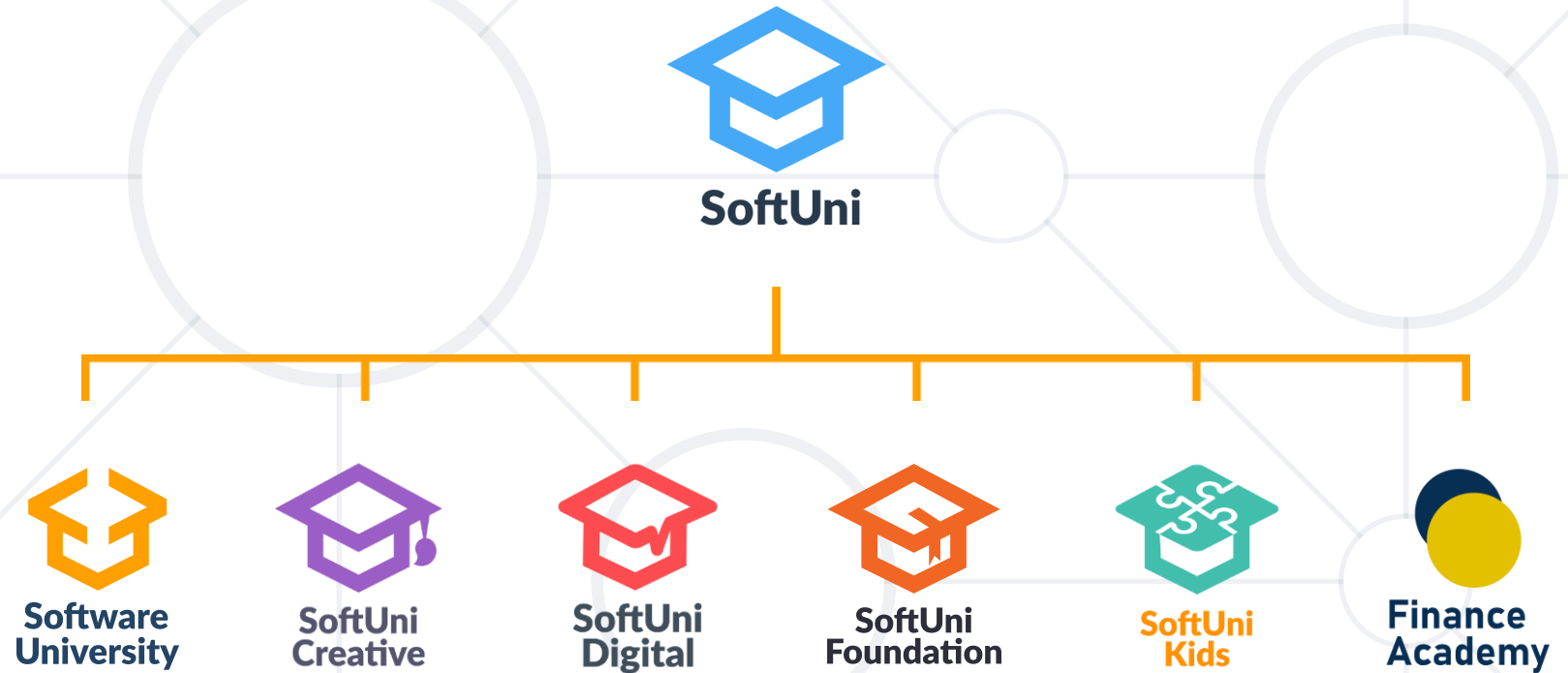
<https://www.facebook.com/groups/ContainersandCloudMay2023>



- The course assignments require to **search in Internet**
 - This is an important part of the learning process
 - Some exercises intentionally have no hints
- Learn to find solutions!
 - Software development includes **everyday searching and learning**
 - No excuses, just **learn to study!**
 - Developers learn new technologies, tools, languages every day!



Questions?



- Software University – High-Quality Education, Profession and Job for Software Developers

- softuni.bg

- Software University Foundation

- softuni.foundation

- Software University @ Facebook

- facebook.com/SoftwareUniversity

- Software University Forums

- forum.softuni.bg



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