Software Engineering

Ruby

Course Syllabus

- Introduction to Software Engineering
- Software Development Processes: Agile vs Plan & Document
- Cloud Computing and Software as a Service
- Architecture Patterns, Service-Oriented Architecture
- REST, Microservices
- MVC web applications with Ruby on Rails
- Test-Driven Development with RSpec
- Behaviour-Driven Development with Cucumber
- Agile Design Patterns
- Maintenance and Legacy Software
- DevOps: Deployment, Reliability, Performance and Security