Schedule and outline

Texts

- DevOps for Web Development (Abbreviated as DWD below)

Week 1

- Topics:
  - TCP/HTTP Review / Name-based vs ip-based hosting
  - Apache
  - NGINX
  - IIS
- Readings:
  - Apache name-based
  - Apache ip-based
  - Virtual Host in depth
- Slides
- Slides
- Slides
- Nginx Howto
- IIS Howto
- Register AWS
- EC2 Create
- Slides
- Assignment

Week 2

- Topics:
  - SSL
- Readings:
  - EC2 Allow Firewall
  - Easy SSL
  - Easier SSL - Lets Encrypt
- Assignment
- Assignment
- Slides

Week 3

- Topics:
  - Continuous Deployment & Integration
  - Git
  - Finish SSL
Week 4

• Topics:
  • GIT
  • Continuous Deployment & Integration

• Readings:
  • Git intro
  • DWD-ch 2

• Slides
• Assignment
• Assignment
• Assignment
• Exam 1

Week 5

• Topics:
  • Jenkins

• Readings:
  • DWD-ch 2
  • DWD-ch 3

• Slides
• Assignment
• Assignment
• Assignment
• Assignment

Week 6

• Topics:
  • Jenkins - Deployment to Tomcat

• Assignment

Week 7

• Topics:
Week 9

Topics:
- AWS vagrant
- Slides
- Aws notes
- Vagrant and AWS Screens
- AWS AMI Screens