PERFORMANCE ENGINEERING CRASH COURSE TO SECURE JOB ABROAD

Harsha G N Achar
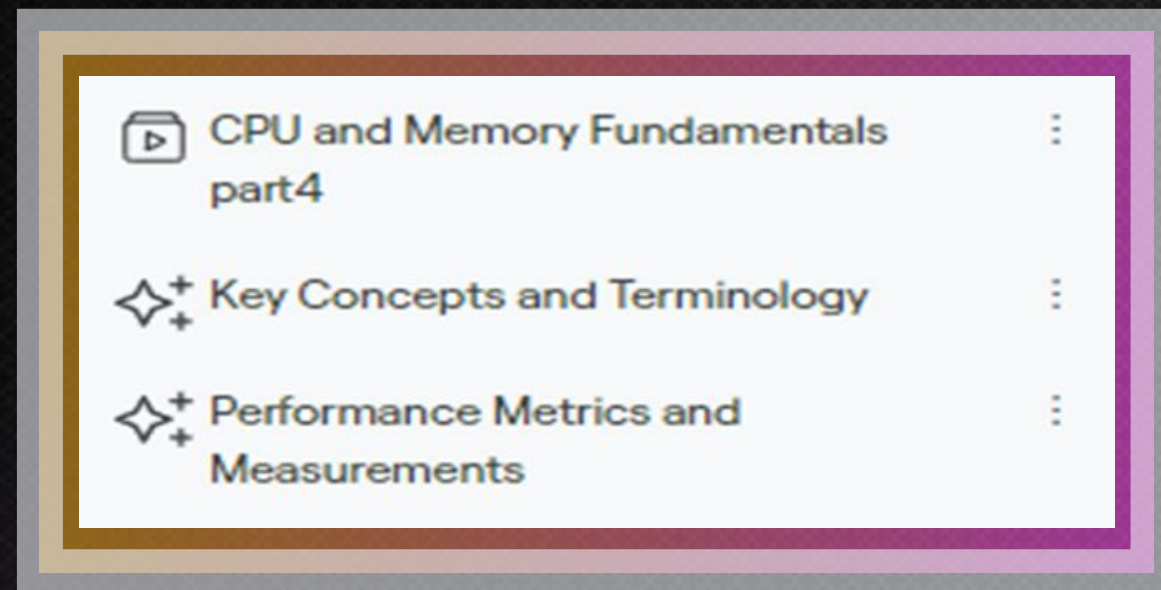
- Introduction to Performance Engineering

CPU and Memory Fundamentals part4

Key Concepts and Terminology

Performance Metrics and Measurements

Quiz After each chapter

2.   PE 101 quizzes

3. Performance Analysis and Monitoring

OS Concepts and Analyzing Performance bottlenecks

Linux OS concepts : part1 (Industry Experience)

Linux OS concepts : part2 (Industry Experience)

Linux OS concepts : part3 (Industry Experience)

Linux OS Concepts – Network Subsystem and performance metrics
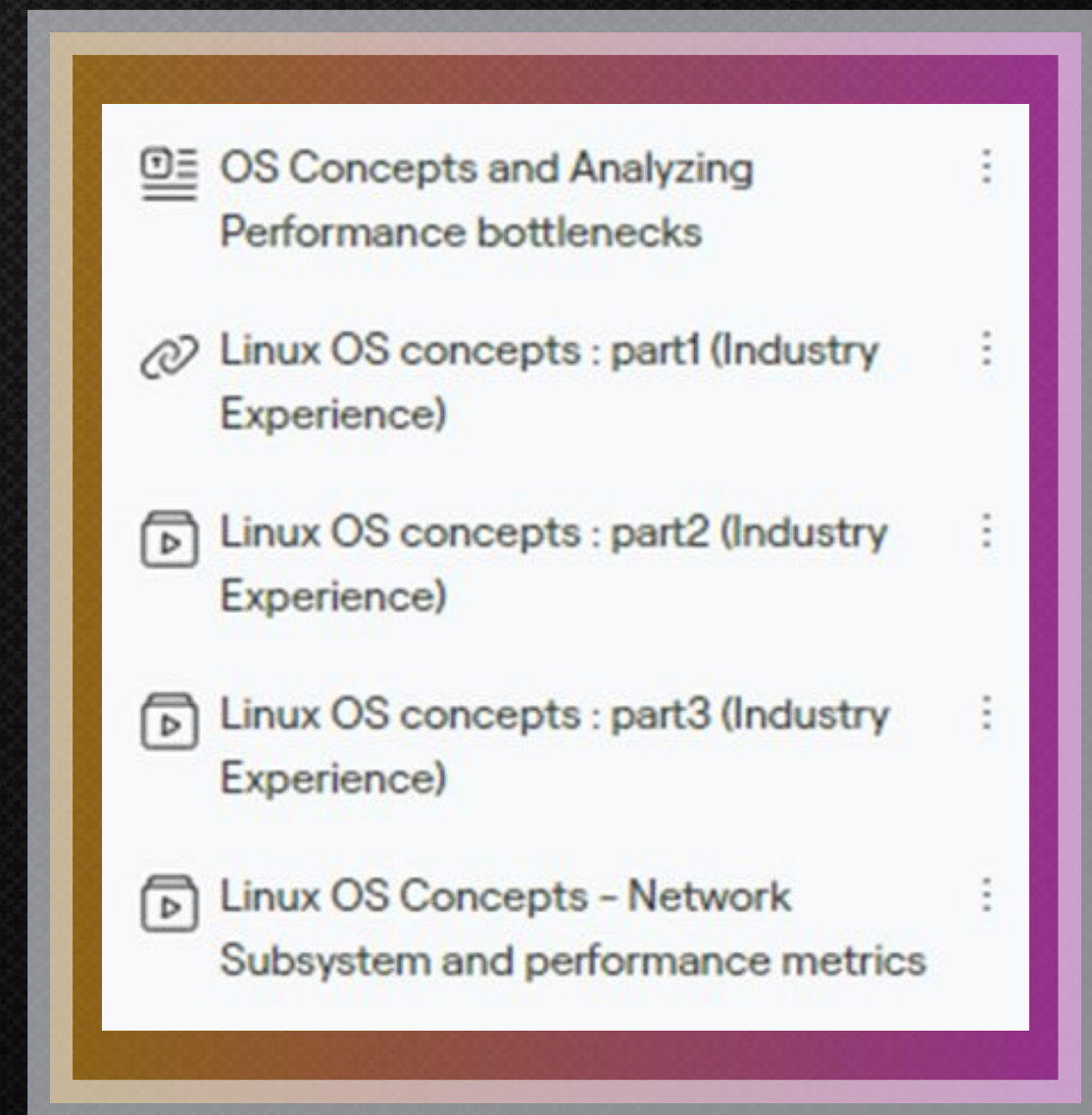
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- ▷ Performance Baselines and Benchmarking ⋮
- ✧ Monitoring Tools and Techniques ⋮
- ✧ Profiling and Tracing ⋮
- ✧ Analyzing Performance Data ⋮
- ✧ Performance Tuning Strategies ⋮

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- ⌄ **Performance Optimization** ⋮
- ✧ Code Optimization Techniques ⋮
- ✧ Reducing Latency and Response Time ⋮
- ✧ Caching and Data Storage Optimization ⋮
- ✧ Database Optimization ⋮
- ✧ Network Optimization ⋮
- ✧ Hardware and Infrastructure Optimization ⋮

Performance Engineering Best Practices

- ✧ Performance Testing Strategies
- ✧ Performance Test Planning and Execution
- ✧ Performance Engineering in Agile/DevOps Environments
- ✧ Troubleshooting Performance Issues
- ✧ Performance Testing Tools and Frameworks
- ✧ Performance Engineering Case Studies

8.   Interview Tips for Performance engineer job abroad

9. Building LinkedIn and CV to apply to employers abroad (UK/Canada/Europe).

10. For Advanced Training, contact support@dataventurex.com