

Designing Fast Applications:

Faster Performance On Less Hardware

software architecture training seminar

Seminar Description:

With the complexity of programming millions of lines of code, large application design often focuses on code organization. Performance is left to finish later, often too late!

This course teaches an agile design approach that anticipates inefficiency and finds opportunities for efficiency. It directly addresses the lack of a disciplined means of building efficiency into software at the design stage and without rework and missed opportunities.

Duration: 2 days, onsite at your facility or online

Who should attend:

- x Software Architects
- x Senior Developers
- x Project Managers

Skills taught:

- x Lightweight UML modeling of system behavior
- x Predicting and optimizing statefulness and heaviness in code and in overall system operations

Syllabus:

- x Concepts: UML, Performance
- x Business Case
- x Small Footprint Design
- x Application Example
- x Designing For Small Footprints
- x Design Lab
- x Lab Review
- x Hands-On Example
- x Lab Review

Value-Proposition:

What is taught in this course will reduce application project expenses:

- x *Design fast impressive applications*
- x *Avoid expensive team-consuming late-project performance tuning and worse yet, the dreaded rewrite!*
- x *Purchase and support less hardware to support application*
- x *Reduce HW energy consumption*

About Process Intelligence:

Provider of technical consulting services since 1998. Current and recent clients include:



About The Instructor: Peter Mezzina

- **Principal Architect - Process Intelligence, Inc.**, since 1998 designed and supervised over \$40 million of application development
- 2 prior years as technical instructor
- 12 prior years in software & hardware engineering with commercial and federal technology organizations
- **ITAC Certified Architect** - The OpenGroup
- **Educational Background:**
 - G. Washington University, MBA
 - Stevens Inst. of Technology, Bach. Engineering
- **Specialties:**
 - Application Architecture
 - Performance Engineering
 - Enterprise Application Integration



To schedule this seminar at your facility:

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