How to become a Software Architect?

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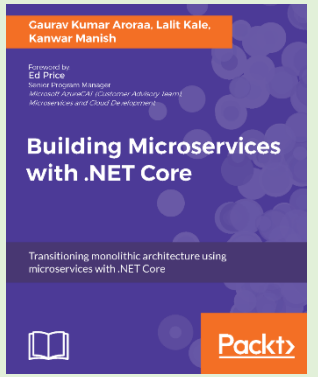
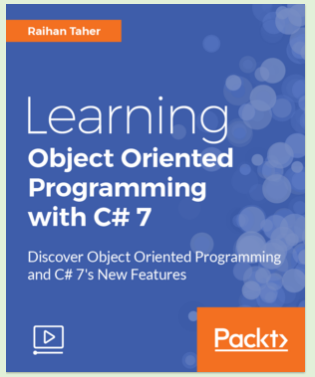
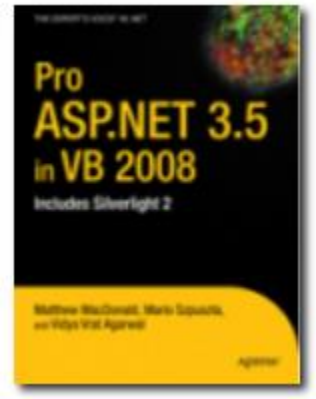
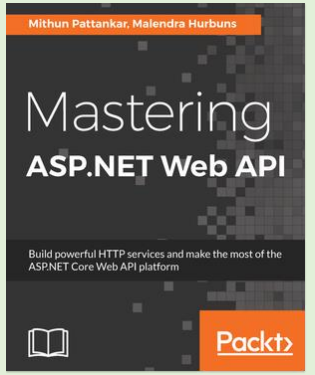
About Me

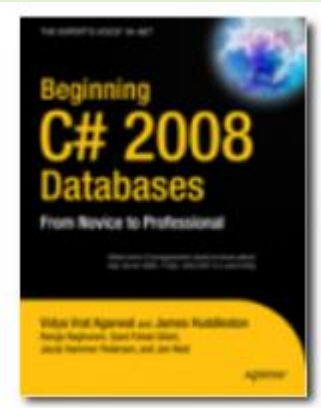
- Over 18+ years of industry experience
- Working as Principal Architect with T-Mobile Inc USA
- Microsoft MVP
- C# Corner MVP
- TOGAF Certified Architect
- Certified Scrum Master (CSM)
- Microsoft Certified (MCT, MCSD / MCAD .NET, MCTS etc.)
- Published Author (5) and Technical Reviewer (over a dozen)



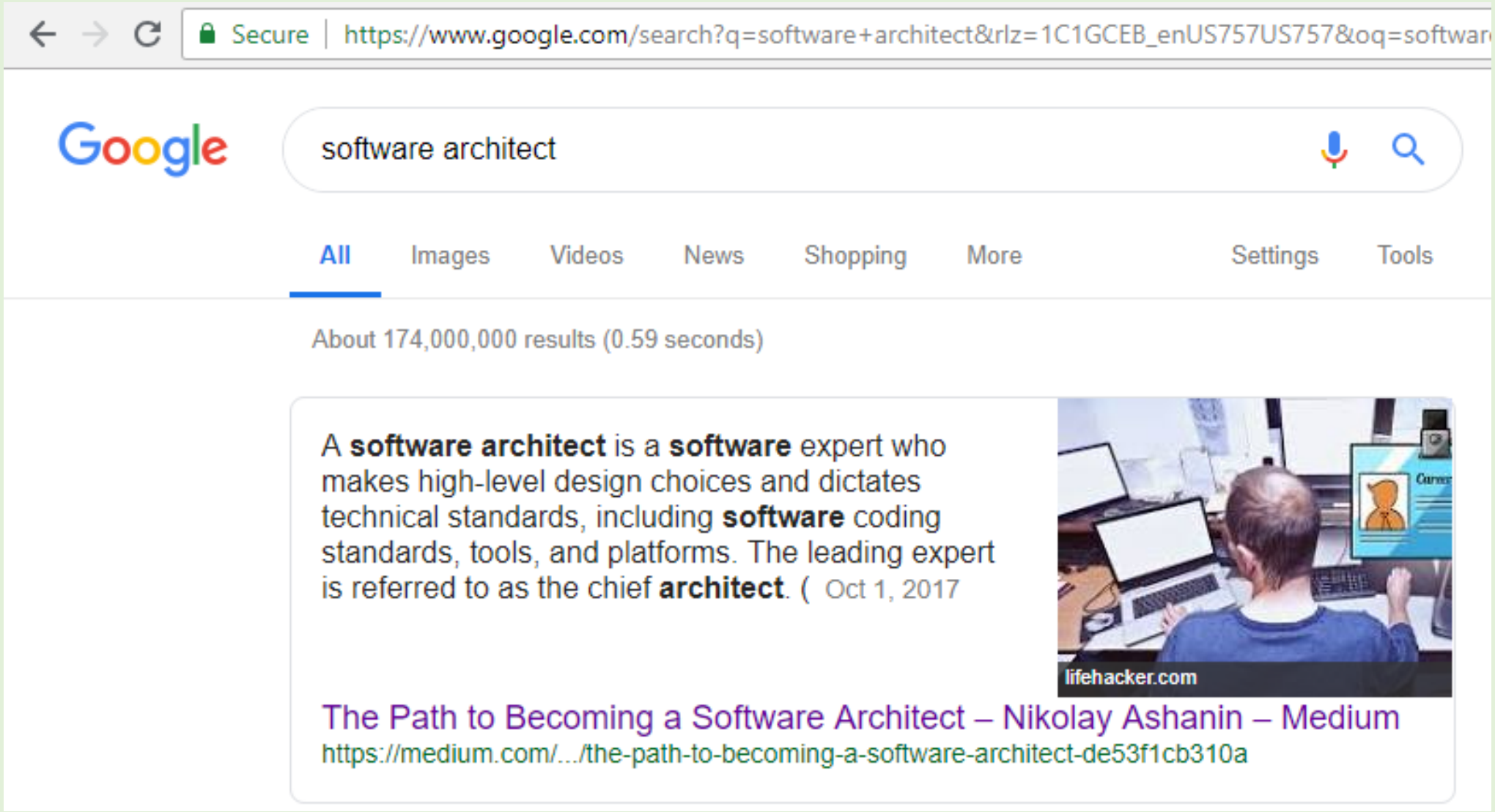








Software Architect



Is this something you want to be?

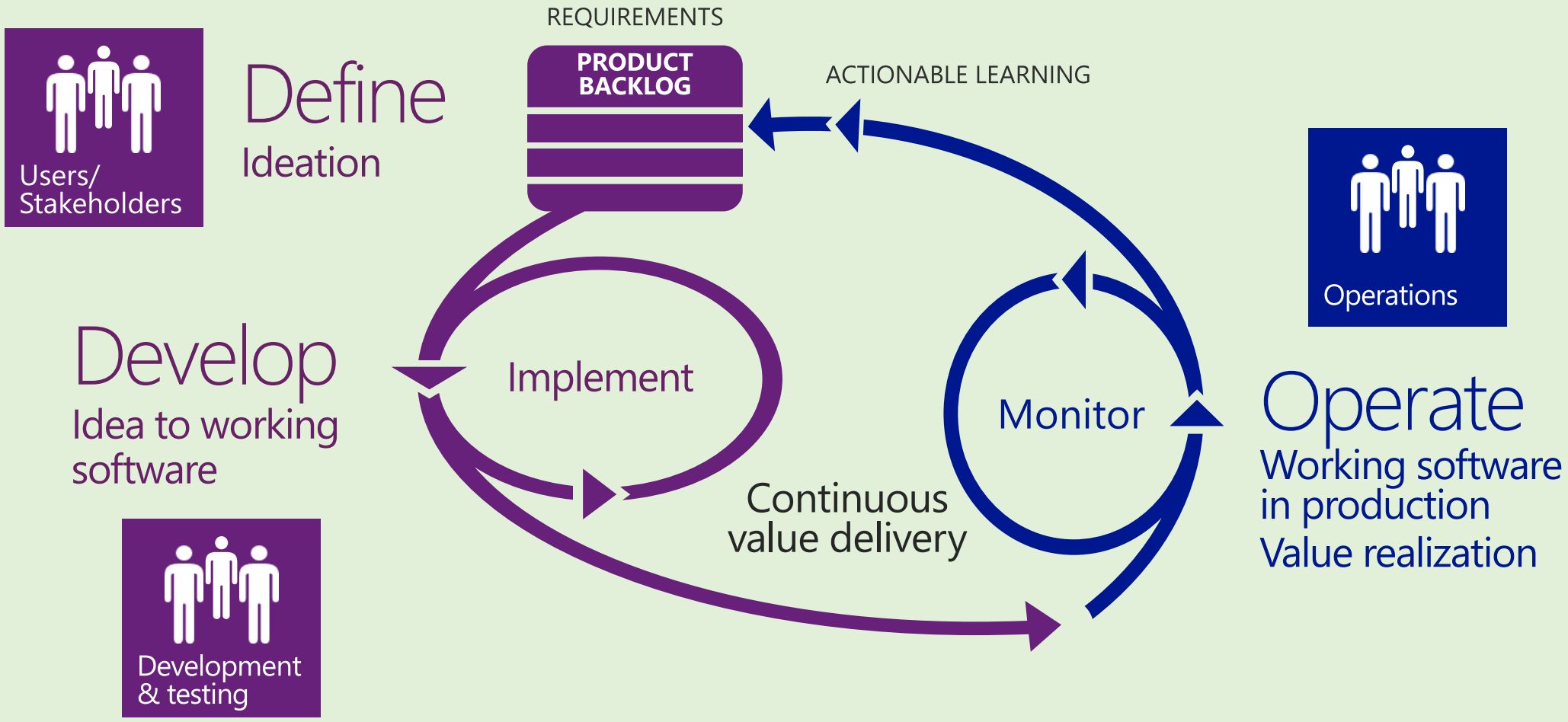
Why?

Core qualities a Software Architect must have

- Have technical background
- Must have been through complete SDLC of various types of applications (Win, Web, Mobile etc..)
- Must understand core concepts of technology
- Hands on coding is a must

- Communication & Collaboration
- Mentoring
- Presentation
- Drive results
- Dive Deep
- Big Picture
- Ownership & Accountability
- Backbone & High standards
- Influential

Have full hands-on view of SDLC



Certifications

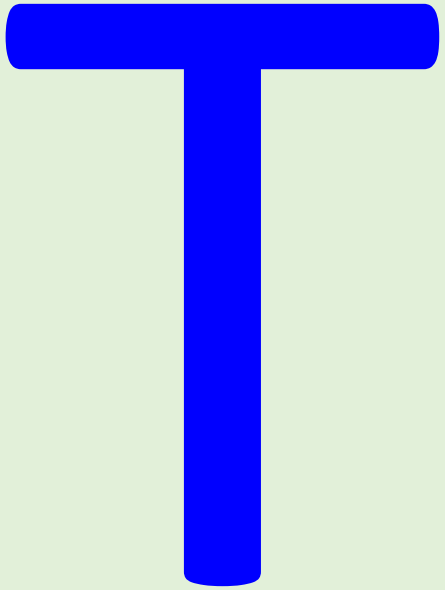
- May not bring working knowledge
- But certainly brings credibility
- Combination is deadly.

- I have over 10 MS certifications
- TOGAF
- CSM
- CAPM

Architecture is all about Patterns.

Do Architects know everything?

What is the Shape of an Architect?



How does a day look like? Not in a specific/priority order

1. Meetings
2. Roadmap / discussions
3. Impact analysis
4. Design discussions
5. Production issues
6. Performance improvements
7. Code quality / Best Practices
8. Dashboards
9. Process improvements
10. Cross-team-collaboration
11. Hands-on-Code
12. Code Reviews
13. Mentoring/coaching
14. Innovation
15. Leadership discussions

Start Small, Think Big

1. Get the context of the problem.
2. Ask clarifying questions/understand requirements
3. Cut the ambiguity
4. Think of customer journey
5. Think long-term
6. Design a reactive system
7. Own the design and handoff to TA/BA/Dev etc.
8. Validate

Fake it until you make it.

Steven Tyler

Thank You

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