

# Transitioning from Developer to Architect

Boston .NET Architecture Group

January 18, 2017

Robert Hurlbut

[RobertHurlbut.com](http://RobertHurlbut.com) • [@RobertHurlbut](https://twitter.com/RobertHurlbut)



# Robert Hurlbut

## Software Security Consultant, Architect, and Trainer

Owner / President of Robert Hurlbut Consulting Services  
Microsoft MVP – Developer Security 2005-2009, 2015,  
2016

(ISC)2 CSSLP 2014-2017

Co-host with Chris Romeo – Application Security Podcast

## Contacts

Web Site: <https://roberthurlbut.com>

Twitter: [@RobertHurlbut](https://twitter.com/RobertHurlbut),  
[@AppSecPodcast](https://twitter.com/AppSecPodcast)

# Software Architects ...

... can form a bridge (or “glue”) between many cross functional teams: business analysts, stake holders, project managers, developers, testers, infrastructure team, operational and support staff.

# Software Architects

Help with design (software systems)

Help determine reuse vs build vs buy

Answer “latest fad” or “best fit”  
questions

Consider time

Consider resources

# What kind?

Application Architects

Solution Architects

Enterprise Architects

Infrastructure Architects

Others?

# Steps to get there ...

Try to work with people better than yourself

Teach others

Be willing to take responsibility

<https://www.roberthalf.com/technology/blog/how-to-become-a-software-architect>

# Technical skills

Be able to model your ideas

Lead by example

Bonus: Spend time understanding full  
SDLC (Software Development Lifecycle)

<https://www.roberthalf.com/technology/blog/how-to-become-a-software-architect>

# Non-technical skills (or soft skills)

Be able to communicate ideas to both technical and non-technical people

Strive for empathy

Watch presentations

<https://www.roberthalf.com/technology/blog/how-to-become-a-software-architect>



# More steps to get there ...

Read code

Write code

Build bigger things

Meet people

Have a side project

Be open-minded

<https://www.roberthalf.com/technology/blog/how-to-become-a-software-architect>

# Resources

“Developer to Architect” by Chris Simmons

<https://app.pluralsight.com/library/courses/developer-to-architect>

“How to Become a Software Architect” by Jacques Daniels (an interview with Jerry Clinesmith)

<https://www.roberthalf.com/technology/blog/how-to-become-a-software-architect>

# Questions?



## Contacts

Web Site: <https://roberthurlbut.com>

Twitter: [@RobertHurlbut](#),  
[@AppSecPodcast](#)

Email: robert at roberthurlbut.com