

# Anas Mughal

AT



2013 - 2015

## DevOps & Continuous Delivery

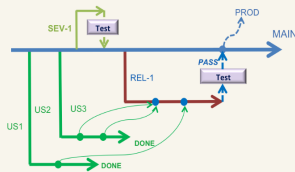
### Build & Release Automation

- Managed Software Build and Release for US and UK
- Set roadmap & vision for Build/Release Automation
- Rolled out major enhancements with zero-downtime
- Ensured smooth adoption of agile methodology

- Altered change management tools to support agile
- Adopted new branching strategy for agile teams
- Enforced best practices for release management

### Support Agile Rollout

(12 Teams)



Visual Studio Team Foundation Server

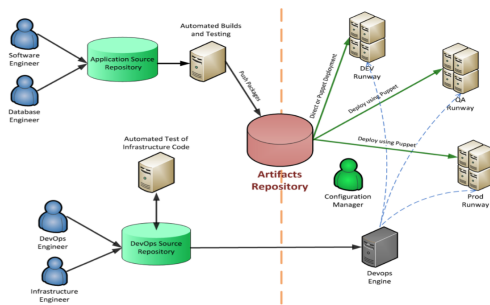
### DevOps

- Script server configurations using Puppet
- Setup consistent QA and STAGE environments
- Reduced new environment setup times  
4 days to only 2 hours ~ 93% improvement



- Architected ZERO-touch .NET build system to deploy to Puppet environments
- Leveraged open-source tools to build and deploy .NET
- Merges trigger automatic build, package and deploy
- New system reduced build and deploy times by 67%

### Continuous Delivery



Criteria	Old Build System	Sonic Build System	% Improvement
Human Touch Points	4	1	75%
Build Times	20 min	10 min	50%
Build & Package Times	60 min	20 min	67%
Configuration Files	5 hrs (300 min)	2 min	99%