Sessions for IT transformation Dev Intersection

* A Practical Guide to Building Secure Mobile Apps with Angular and Ionic 2

Ryan Salva,Jordan Matthiesen

**VS**

Join the Ionic and Visual Studio engineering teams in a joint session demonstrating practical use cases, architectural patterns, tips and tricks for mobile app development. Through live on-stage coding, you’ll learn how to build UI tailored to the design-patterns of each platform – iOS, Android and Windows – and strategies for securely handling data in a hybrid mobile app using Angular 2, Ionic 2 and TypeScript. You will see how to design mobile applications using Apache Cordova that are secure and build applications using the popular Ionic 2 framework

* ASP.NET Core and Angular

Ward Bell

**ASP**

**AB**

ASP.NET Core is a total redesign of Microsoft’s ASP.NET platform with an eye toward high performance, cross-platform, cloud-hosted applications.   
  
Google’s Angular is a total redesign of its immensely popular AngularJS platform for building client-side HTML/JavaScript applications running in the browser (SPAs)   
  
After a brief introduction to both, this talk turns to the tools, techniques, patterns and practice that bring them together. Discover the Angular application sweet spot, how to develop Angular apps in TypeScript in Visual Studio, and how to interact with the ASP.NET Core Web API. We’ll also dip into BreezeJS as a server-to-client data management layer that spans SQL Server, EntityFramework, Web API, and Angular.

* Angular Applications: Large scale, across large teams with large results.

Stephen Fluin

**AB**

**ASP**

Keynote: Angular is a platform that encompasses the needs of developers working individually, in big teams, for any size apps across the web, mobile and desktop. In this talk we'll focus on how Angular helps developers reuse their expertise across these platforms to deliver amazing apps fast

* Angular CLI

John Papa

**AB**

**ASP**

Learn how to be highly productive developing Angular applications. We'll spark the CLI as we awaken an app from scratch. We'll add various features using the CLI, take advantage of template autocomplete, and strategically use code snippets on our way to building an app. Learn how to fly at light speed and with confidence while coding Angular.

* Angular in 60-ish Minutes

Dan Wahlin,John Papa

**AB**

**ASP**

Dive into Angular 2 with Google GDEs Dan Wahlin and John Papa and learn the key concepts that you need to know to get started building robust Single Page Applications. In this session you'll learn about core Angular modules, see how they can be imported using TypeScript, learn about data binding, components, services, routing and more

* Easy Web Application Security in Node.js & Angular

Brian Clark

**AB**

**ASP**

In this session we'll cover some of the small steps we can take to secure our web applications and demonstrate those steps in a Node.js, Express and Angular web application. You'll learn about three vulnerabilities and the steps to take in order to mitigate them. We'll also see how existing Node.js modules can make it simple to implement these mitigation techniques

* How to Think About Angular

Stephen Fluin

**AB**

**ASP**

Angular is a platform that plays many roles across different organizations. Learn about the ways that Angular sees its own role as part of the development efforts of modern companies, and learn about various models for incorporating Angular into your teams and processes.

* Integrating Angular with ASP.NET Core RESTful Services

Dan Wahlin

**ASP**

**AB**

In this session Dan Wahlin will walk you through the process of creating an Angular app that communicates with an ASP.NET Core RESTful service. Throughout the session you'll learn about the role of RxJS and Observables in Angular services and how they can be used to subscribe to data. You'll also learn how ASP.NET Core can be used to expose JSON data to any type of client

* Observables in Angular

Ward Bell

**ASP**

**AB**

Observables are a functional approach to streams of events.   
  
Observables can represent animations, user interactions (clicks, mouse moves, etc), ajax, web sockets, arrays, iterables and much more. They’re richer than Promises and much easier to read, write, and compose than traditional event handler callbacks. Think of Observables as LINQ for events   
  
RxJS is the Observables implementation favored by Angular. Many Angular APIs return RxJS Observables. Other frameworks are jumping on board. Why not you?   
  
This presentation covers what they are, when to use them, which RxJS operators you should know, and how to cope with errors as well as success

* TypeScript for C# Developers

Jesse Liberty

**ASP**

**AB**

C# developers come to TypeScript from a very different perspective than JavaScript developers, In this session we will cover TypeScript as a first class language and show its similarities (and differences) to C#.