TRAVIS ILLIG

tillig@paraesthesia.com

Distributed Systems and Microservices| Full-Stack Web/Service Development

Senior engineer with 20+ years of experience in web development with a focus on .NET technologies. Proven ability to work in rapidly changing environment with new and emerging technologies. Interested in providing technical leadership and creating new solutions to interesting problems using .NET.

Environments	Kubernetes, Docker, Microsoft Azure, Google Cloud, Pivotal Cloud Foundry
Programming	C#, .NET Core, ASP.NET, WCF, JavaScript, PowerShell, SQL
Development	Scrum/Agile, Technical Documentation, Test-Driven Development, Continuous Delivery, Federated Authentication

Experience

Engineer – Advisory   [April 2017 – Present]
Fiserv   Hillsboro, OR

Provided leadership and guidance across development teams and business units around application and microservice architecture in conjunction with Enterprise Architecture group.

- Worked with management and architecture to form enterprise cloud strategy for products and services.
- Implemented continuous delivery pipeline for microservices (.NET Core on Linux containers in Kubernetes) including all infrastructure from code checkin through deploy up to API gateway. Relevant tools: Azure DevOps, Spinnaker, Jenkins, ElasticSearch, Jaeger, Istio, Prometheus, Apigee, Kubernetes.

Engineer – Tech Lead   [March 2012 – April 2017]
Fiserv   Hillsboro, OR

Worked in a large, distributed team Scrum/Agile environment to provide overall product technology guidance in conjunction with Enterprise Architecture group. Focus on UI, web/REST services, application/systems architecture.

- Designed and implemented REST microservice-based distributed system in Azure as a replacement for the legacy Corillian Voyager product. Multitenant solution also included UI, STS (OAuth/OpenID Connect), and configuration system.
- Implemented continuous delivery using TeamCity, Octopus, and various automated testing and orchestration technologies.
- Upgraded Fiserv "Architect" legacy banking product to enable cloud/containerized execution in Pivotal Cloud Foundry.

Senior Software Engineer   [February 2007 – March 2012]
Fiserv (CheckFree/Corillian)   Hillsboro, OR

Worked in a large, distributed team Scrum/Agile environment to improve quality and delivery of UI and web services. Focus on UI, AJAX, web/REST services, process improvement and automation.

- Designed and implemented updated version of Corillian UI application based on ASP.NET MVC and other updated technologies.
- Implemented custom Security Token Service for SAML authentication and SSO using ASP.NET MVC and Windows Identity Foundation.
- Developed and rolled out new standards for development in Online Banking group including static analysis, testing, and code review requirements.
- Improved continuous integration process with custom tools.

Staff Software Engineer   [August 2004 – February 2007]
Corillian Corporation   Hillsboro, OR

Worked in a small team Scrum/Agile environment to deliver UI applications for the Corillian Voyager online banking product. Primary focus on UI and AJAX services.

- Implemented first standard UI application for Corillian Voyager (ASP.NET web forms).
- Designed and implemented revised UI architecture for ASP-based hosting of Corillian UI.

Credentials/Projects
- BS Computer Science – Portland State University, Portland, OR
- Microsoft Certified Solutions Developer (MCSD) in .NET Technologies.
- Microsoft Certified Database Administrator (MCDBA) - SQL Server 2000.
- Project owner for Autofac (.NET inversion of control container) – https://autofac.org