Ian Scott

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Experienced lead/senior software engineer with 15+ years of solving complex problems using .NET. Became interested in .NET after attending a "Code Fest" event put on by Microsoft in January 2003 and never looked back. Always viewed as the "problem solver" – the developer that others turn to when they encounter an insurmountable problem. Have branched out to other platforms / frameworks in the past seven years to broaden myself.

Education: **The College of New Jersey,** Ewing, NJ USA
BS, Computer Science
Graduated: December 2006

Skills: **Platforms:** Microsoft Windows Server, MacOS X, iOS, Android, Linux, Azure, AWS, Google Cloud Platform, Rackspace (OpenStack)

Software: MS Visual Studio (2002 – 2026), MS VS Code, MS SQL Server (6.5 – 2022), MS SQL Reporting Server, MS Team Foundation Server (2008 – 2017), Sitecore (6.4 – 8.2), uCommerce, Git, Hedgehog TDS, TeamCity, MS Visio, Xcode, JetBrains reSharper, JetBrains Rider, JetBrains DataGrip, RedGate Tools, SubVersion, Adobe Photoshop, MS IIS 8, WordPress, Apache

Languages: C#, T-SQL, Objective C, VB.NET, JavaScript, C++, C, Visual Basic, HTML5, CSS, Java, Classic ASP, LINQ, ActionScript, PHP, Python

Technologies: AJAX, jQuery, XML, XSLT, Web Services, WCF, WPF, SCORM, WebSockets, SOAP, REST, JSON, Responsive Design, MicroService Architecture, .NET Framework 1.1 - 4.8.1, .NET Core, .NET Standard, .NET 9.0, Cocoa, COM, Google Analytics, ASP.NET MVC, Docker, Azure DevOps, Hangfire, RabbitMQ, Node.js, React, Next.js, Angular, AngularJS, Serilog, Azure Cosmos DB, Azure App Services, Azure Application Insights, Azure SQL, Azure FrontDoor, Azure Application Gateway, TypeScript, Redis, inRiver, Cloudflare, AWS SNS, AWS SQS, AWS Elemental MediaConverter, AWS EventBridge, WebAPI, Okta

Other Skills: UML Modeling, Object Oriented Design, Relational Database Design

Work experience

Freelancing (4/2018 – Present)

Projects worked on:
CFITrainer.Net Paygate – Sole Developer – Integrated eCommerce (PayPal) into existing LMS site to allow users to create paid membership on the site.

State of Vermont Agency of Human Services – DevOps Engineer – Configured automated deployments and security testing for Node.js application on Azure DevOps, developed functionality enhancements.

FM Fire Service Learning Network – Sole Developer – Implemented customized learning management system for insurance company, developed functionality for organizations to track their employees' progress from a centralized dashboard.

FireArson Re-platforming – Sole Developer – Re-platformed organization site to Umbraco 12, integrated with third-party association management system.

CFITrainer.Net Live Classes & Events – Sole Developer – Integrated Zoom Webinar functionality with custom LMS to allow users to virtually attend training sessions during Covid.

ResponderSafety.com Re-platforming – Sole developer – Re-platformed site for First Responders from custom CMS to Umbraco 8

Azure App Service Migration – DevOps Engineer / Sole Developer – Migrated four LMS sites to Azure App Service, with migration to Azure SQL and Application Insights.

Fire Scene Evidence Collection Guide – Sole Developer – Developed iOS application to instruct fire investigators to collect evidence in the field.

Skills / Technology Used: C#, Microsoft Visual Studio 2026, Microsoft SQL Server 2016, Azure DevOps, React, Node.js, TypeScript, MicroService Architecture, OWASP ZAP, SCORM, GIT, JavaScript, CSS, Microsoft SQL Server Reporting Services, JavaScript, jQuery, AJAX, Classic ASP, Hangfire, RabbitMQ, .NET Core, .NET 8.0, Umbraco, uSkinned, AngularJS, Azure, Amazon Web Services, Google Cloud Platform, Okta

Lion Gaming Group, Calgary, AB (Remote) (4/2018 – 8/2023)
Principal Software Engineer

Projects worked on:
Lunabets – Principal Software Engineer / DevOps Engineer – Integrated Crash game and sportsbook with on-chain gaming site, redeveloped sportsbook frontend to use Next.js, and oversaw all DevOps operations.

Moonbet – Principal Software Engineer / DevOps Engineer – Integrated KYC provider and third-party wallet providers, managed junior developers, and oversaw all DevOps operations

Sportsbook Processor – Principal Software Engineer / DevOps Engineer – Developed .NET Core console application to integrate with RabbitMQ sportsbook feed from Betradar and migrated sportsbook odds datastore from MySQL to MongoDB to increase performance.

Skills / Technologies Used: C#, .NET Core, PHP, Python, Angular, AngularJS, React, Next.js, AWS EC2, MySQL, Docker, MongoDB, Google Cloud Platform

Competitive Computing (C2), Colchester, VT (8/2015 – 4/2018)
<u>Senior Software Engineer</u>

Projects worked on:
Omni Hotels (Sitecore) – Lead Developer - Implemented redesign of home page and property pages to incorporate responsive design, migrated WebForms pages to MVC, performed ADA audit of pages and implemented required changes, completed Sitecore upgrade from version 7.2 to 8.2, upgraded all environments through Pre-Prod, and assisted ProdOps with production deployment.

Orvis – Developer - Performed maintenance tasks on custom CMS / eCommerce system, routinely integrated third-party solutions and implemented usability enhancements to the site.

SOV AOA – Admin - Administered claims management system for State of Vermont Workers Comp department. Duties included: creating reports, administering users, creating custom forms, and troubleshooting users' issues.

SOV DOL – DevOps Engineer / Lead Developer – Set up all lower environments (application servers and database servers), configured and administered on-premises Team Foundation Server, created automated builds for dozens of applications and microservices, handled transfer of code from consortium partners from VSTS GIT repositories to on-premises TFS, provided development support to team of developers, and developed customized IdentityServer4 implementation.

National Life Group – Admin - Configured Splunk on enterprise servers, created KeyNote scripts to test production and staging web services.

Skills / Technology Used: C#, Microsoft Visual Studio 2017, Microsoft SQL Server 2016, Docker, Microsoft Team Foundation Server 2017, TeamCity, GIT, JavaScript, CSS, Sitecore 8.2, Microsoft SQL Server Reporting Services, JavaScript, jQuery, AJAX, Sitecore, TDS, SOA, ASP.NET MVC, Microservices, Azure

Comcast Corporation, Philadelphia, PA (2/2011 – 8/2015)
<u>Application Developer</u>

Projects worked on:
DigitalNow – Developer - Ongoing development of digitalnow.comcast.com, which let customers order and activate DTA (Digital Transport Adapter) devices using an eCommerce site, allow customers to watch digital channels on an analog television.

MBL (Sitecore) – Lead Developer – Led development of responsive site built on Sitecore (utilizing page editor) to replace existing Comcast Buyflow (eCommerce site), utilized Hedgehog TDS to provide a collaborative environment for development within Sitecore.

Bing Maps integration – Developer - Integration of Microsoft's Bing Maps that allowed customers to locate nearby service centers.

Skills / Technology Used: C#, Microsoft Visual Studio 2013, Microsoft SQL Server 2012, CSS, Sitecore 7.2, Microsoft SQL Server Reporting Services, JavaScript, jQuery, AJAX, Sitecore, TDS, SOA, ASP.NET MVC

Beekeeper Group, Washington, DC (4/2010 – 11/2010)
<u>Partner</u>
At Beekeeper Group, I developed and managed outsourced development of websites, generally for political causes. The sites were developed using WordPress, or a custom CMS developed in .NET that I had been developing over the past several years. I was responsible for the development process from the deal signing, to the deployment.

Comcast Corporation, Philadelphia, PA (6/2008 – 4/2010)
<u>Application Developer</u>

Comcast.com- Developer – Performed maintenance tasks on buyflow / eCommerce and related functionality.

Credential Migration – Developer – Developed functionality to migrate customers from legacy credential management to organization-wide authentication (CIMA).

CustomerCentral – Developer – Developed functionality enhancements for account maintenance site, notably MapPoint, parental controls and terms & conditions functionality.

Stonehouse Media Incorporated, Lambertville, NJ (11/2002 – June 2008)
<u>Developer/Systems Administrator</u>
At Stonehouse, I developed dozens of sites and several mobile applications, and Windows applications. Stonehouse Media is a small media company in New Jersey, which managed to net some large projects for the federal government, as well as with large corporations.

Certifications:
9/22/2016 – inRiver Developer
7/8/2016 -Sitecore XP 8 Upgrade for .NET Developers
1/12/2016- Microsoft Certified Solutions Developer (Web Applications)
12/30/2015 - Microsoft Specialist (Programming in HTML5 with JavaScript and CSS3)
12/22/2015 -Microsoft Certified Professional
10/23/2015 - uCommerce Master Class
7/14/2011 - Web Site .NET Developer Certification for Sitecore CMS 6.4

References:
Tim Walters, CTO (former), Lion Gaming Group
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