Eric Holton

Software Development Manager/Software Architect

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About

Professional lead software developer with career focus on developing/testing leading-edge software products built on a foundation of Microsoft tools, technologies and platforms.

Spearheading software development teams to successful outcomes on multiple projects.

Current focus on developing revolutionary new products, with emphasis on the following technologies

Experience

IQVIA
Software Development Manager/Software Architect

November 2018 - Present
(2 Years, 9 Months)

 https://www.linkedin.com/company/iqvia/

Managing several teams in multiple location to successfully delivery software for our customer's needs. Designing software systems that are both easy to use and follow the complex rules on pharmaceuticals across the global.

IQVIA
Lead Software Developer

August 2013 - November 2018
(5 Years, 3 Months)

 https://www.linkedin.com/company/iqvia/

Leading software development team on adding functionality to Salesforce Marketing Cloud to support the pharmaceutical companies. Lead team in extending Nexxus Marketing to support a new complex hierarchy of data needed by pharmaceutical companies. Lead team in improving the report engine used by Nexxus Marketing resulting in reports displaying to customers 1000% faster. This included creating a workflow engine that transformed transactional data into a star schema and automated the deployment/upgrading of the Tableau servers. Built first continuous integration system used in the Seattle office using Jenkins and Layer0 resulting in a more reliable and faster deployment of new code to production. Assisted team in globalization of Nexxus Marketing, resulting in a 25% increase in customers.

Microsoft
SDE II

↗ https://www.linkedin.com/company/microsoft/

Designed custom internal proxying system for tracing user requests across multiple systems. Assisted in developing a Rest API for both internal and external consumption on SkyDrive (OneDrive). Improved deployment systems for multiple websites including SkyDrive, Devices, and Profile. Developed a web pipeline akin to Facebook's BigPipe using ASP.NET MVC 3.0 and Reactive Extensions resulting a faster display of the Windows Live websites. Development of a Silverlight application to upload photos from Hotmail to SkyDrive, including writing a JPEG encoder in C# for Silverlight. Converted multiple sites on Windows Live to use ASP.NET MVC Designed and developed a streaming zip service, used to download multiple files from Skydrive. As each file was read from the backing database, the service would compression the file on the fly and send to the user. This prevented timeouts when downloading multiple files.

Falafel Software
Senior Software Engineer

January 2008 - May 2008
(4 Months)

↗ https://www.linkedin.com/company/falafel-software/

Development of C# ASP.NET 2.0 website (www.testcompletetv.com) Create Screencasts for TestCompleteTV Co-Author of "TestComplete Made Easy" book used in training program for TestComplete. Provided on-site training in TestComplete to multiple customers.

AutomatedQA
Architect and Chief Evangelist

January 2005 - December 2007
(2 Years, 11 Months)

↗ https://www.linkedin.com/company/automatedqa/

Development of Training Material including design/development of sample applications in Delphi, C# and ASP.NET. Also development of other training aids – PowerPoint and Handouts. Provided on-site training in TestComplete to multiple customers worldwide. Provided sales support including web demonstration and running technical conference booths. Speaking at technical conferences. Development of Plug-Ins for TestComplete (AutomatedQA's flagship product for Software Test Automation) in Delphi, C++.

Hot Topic
Consultant

December 1996 - December 2004
(8 Years, 1 Month)

↗ https://www.linkedin.com/company/hot-topic/

Business Analysis of sales trends of client and client competitors. Design/Development of Sales Analysis/Sales Planning tools using Oracle and Excel. Design/Development of Middle Tier to move data from GERS back office system to Arthur Allocation Design/Development of Inventory Allocation system in Delphi. Design/Development of Inventory Allocation system in FoxPro for Mac.

Education

University of Washington
Math Sciences

Volunteer

FIRST
Team Mentor for 3070 Pronto

September 2013 - Present

🔗 https://www.linkedin.com/company/355664

Teach high schoolers: Basic programming skills including version control. Electronics, wiring and soldering.
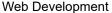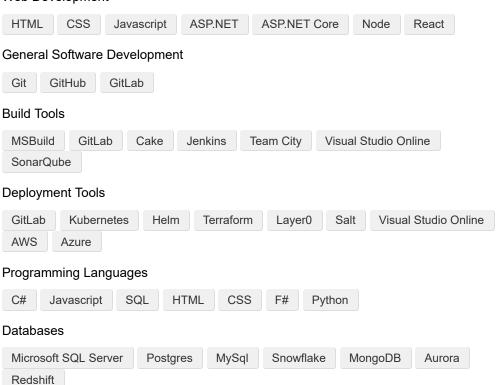
Awards

29 April 2014
Patent #: US008713571 Asynchronous Task Execution
US Patent Office

Techniques for asynchronous task execution are described. In an implementation, tasks may be initiated and executed asynchronously, thereby allowing a plurality of calls to be made in parallel. Each task may be associated with a respective timeout that triggers an end to execution of the task. If a timeout for a low priority task expires without completing both the low priority task and a relatively higher priority task, then the low priority task may use the relatively higher priority task to extend execution time of the low priority task in order to allow additional time to perform the low priority task.

Skills

Web Development

HTML CSS Javascript ASP.NET ASP.NET Core Node React

General Software Development

Git GitHub GitLab

Build Tools

MSBuild GitLab Cake Jenkins Team City Visual Studio Online
SonarQube

Deployment Tools

GitLab Kubernetes Helm Terraform Layer0 Salt Visual Studio Online
AWS Azure

Programming Languages

C# Javascript SQL HTML CSS F# Python

Databases

Microsoft SQL Server Postgres MySql Snowflake MongoDB Aurora
Redshift

Languages

English

Native speaker