Contact

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Top Skills

Microsoft Azure

Solution Architecture

.NET Core

Languages

Dutch (Professional Working)

Afrikaans (Native or Bilingual)

English (Native or Bilingual)

Certifications

Developing Microsoft Azure Solutions

MS: Programming in HTML5 with JavaScript and CSS3 Specialist

MS: Programming in C# Specialist

MCPS: Microsoft Certified Professional

Laurent Greyling

.Net Developer | Software Engineer
Almere

Summary

As a cloud and software engineer I focus largely on Microsoft Azure Cloud development in combination with .Net and associated technologies. With experience in cloud application development in .Net and
Xamarin, I strive to bring the cloud to you safely and efficiently via secure development practices. In a symbiotic cloud environment, where Azure Cloud, Clean Code practices, SSDLC, Secure Architecture, SCRUM, TTD and automated deployments
all work seamlessly together a focus is created on delivering secure high quality software as efficiently as possible to you and your clients.

Experience

Securify B.V.
Software Developer Dotnet
January 2022 - Present (6 months)
Amsterdam Area

Cyber security is becoming ever more important. For this reason, pentesters need to focus on what is important, securing client software. As the lead developer, I help architect and build software to enable pentesters be more efficient in their daily tasks. Building Azure Cloud enabled software assist pentesters to organize their work and deliver high quality reports back to clients. Removing manual administration tasks and automating them in a high performing microservices environment is key to this architecture.

Devops: CI/CD, yaml, bicep, Azure resource creation, powershell, Azure cli, Azure Devops
Azure: AAD B2C, Azure Functions, Servicebus queue, Vnet, Identity Management, Azure Sql, Cosmos DB table storage, Azure Storage, Application Insights, Microsoft Defender for Cloud
.Net: .net6, .net core, c#, EF6, Azure Resource communication, managed identity, Azure functions (httptrigger, servicebus trigger, timer trigger)

Testing: xunit, moq, TDD
AAD B2C: Custom templates with trust framework xml => Banned password, custom roles, mfa with auth app, force password change first signin, user management
Architecture: microservices, threat modelling, app communication, Azure Cloud
Api Integrations: Hubspot, Jira

Rabobank
Software Engineer .Net
November 2020 - December 2021 (1 year 2 months)
Utrecht, Netherlands

In the Assets and Liabilities Management team the main focus was to enable the team to migrate to Azure cloud. This entailed updating and maintaining legacy applications, making them Cloud native and ready. As the lead of the the team, I assisted them into scrum and building their Azure Cloud knowledge to a proficient level. This enabled us to build high performing data manipulation software in the cloud with a focus on the new cloud migration architecture provided.

- Development of new C# application using reflection and delegates to look into the methods needed for running legacy vbscripts.
- Development of Azure Functions in C# for the processing of data and specified enrichment of the data
- Development of microservices and Apis using these services as well as cloud solutions
- Introduce testing via Xunit, moq and selenium c#
- Stack: Asp.net core API, Swagger, .net framework, .net core, C#, SQL, Azure SQL, YAML, VBScript, powershell, sql database project, dacpac, ef6 db first, Azure Functions, Azure Data Factory
- On Prem: SQL server, IIS, QRM
- Testing: Xunit, Moq, Selenium C#, TSQLT, Redgate TSQLT - sql testing
- Coaching and guiding of juniors and mediors on best practices, setting standards, training, secure development life cycle, git branching, devops and general security around software as well as clean coding principles
- Software security: Secured Software Development life cycle, clean coding principles, owasp and owaspzap, threat modelling, sonarcube, nexus, fortify, GDPR and encryption of data in transit. As a member of the security champions, need to make sure devs and dev teams understand and follow secure practices as prescribed by bank.

SmartLockr
8 months

Lead Software Engineer
May 2020 - October 2020 (6 months)
Amsterdam, North Holland, Netherlands

Developed software which helped clients and users communicate and share files/data securely through email and a secure file sharing portal. High performing data security is the main focus of the software provided. As the lead I helped build high performing self managing teams, with a focus on SSDLC and clean code principles.

- Devops: Streamline the current devops process to enhance the efficiency of the CI/CD and deliver to customer as quickly as possible. This is done via utilizing ARM templates, Powershell and YAML to improve the current system. As part of this improvements dashboards and alerts are created relying on logs and information from Application Insights.
- Development and Maintenance: Refactoring of the current system into more manageable microservices and focusing on decoupling code for more efficient testing of code. Introduced Unit testing via xunit and moq and enabled team to become fluent in writing and understanding unit testing. Mainly involved in improving code quality and maintainability.
- Coaching and developing team members, improving overall skills in coding and development processes and principles.
- Managed the scrum process for the teams and played a role in enabling a better scrum flow. This lead to a higher percentage of sprints ending successfully
- Architecture and Product owner: Was involved as well with Architectural discussions around Azure and when PO left, had to fill this role for some time as well till replaced.
- Stack: C#, .Net Core, Angular, HTML 5, CSS, Typescript, Javascript, Powershell, ARM, YAML, XAML, Swagger, ef6
- Azure Stack: App Services, Application Insights, Blob Storage, AAD, AD,
- Testing: Xunit, Moq, Selenium C#

Senior Software Engineer
March 2020 - October 2020 (8 months)
Amsterdam, North Holland, Netherlands

Development of email security software, enabling users to send secure emails.

NIPO Software

.Net Developer
October 2013 - March 2020 (6 years 6 months)
Amsterdam, North Holland, Netherlands

Through utilizing the power of Azure Cloud, .Net and Xamarin for Android, we
revolutionized the way survey data is collected. We moved the industry away
from paper based survey practices and into the digital era.

- Azure function application, running on a nightly schedule to backup table
storage. The same function via service bus queue can be called to restore
table and/or blob storage (Soft delete restore)
- Development and maintenance of online API used by users of the product as
well as own online gui. The main purpose of the api is to enable users to login
and manage their survey information such as survey details, quota/ sample
management and to view and download data collected via field work. Mainly
in .Net C # (recently moved to .Net Core) with Azure as backend, SQL and
Azure Storage used for CRUD client data and AAD for identity management.
- Online Manager/Gui, enabling users who do not use the public api to be able
to manage all survey details as under the api. Gui is done in Ember.js with an
older version in Asp.net MVC.
- An offline solution for data collection in surveys is done in Xamarin for
Android, where a sqlite db is used and synced with Azure Sql once connection
to azure can be established
- After each scrum cycle many projects need to be handed over to the
devops team to deploy and maintain. To ready a project for the devops team,
development is also done with regards to readying the ARM templates for new
features in Azure, Powershell scripts for certian deployments and Yaml scripts
for the ci/cd pieplines
- Stack: C#, .Net Framework, .Net Core, Asp.Net MVC, Asp.Net Core,
Ember.js, Javascript, CSS, HTML 5, Xamarin, UWP, XAML, YAML,
Powershell, ARM Templates, SQL
- Azure stack: Functions, Web Jobs, App Services, Azure SQL, Application
Insights, AAD, Service Bus Queue, Table and Blob Storage, Service Fabric
- Testing: NUnit, Moq, Selenium Webdriver

TNS South Africa
Senior Data processing programmer
August 2010 - September 2013 (3 years 2 months)

Provided scripting programming services for multiple projects in the market
research industry. Combining data with analytics and assisting clients with
consumer insights for strategic decision making. Raw survey data is extracted

from SQL and enriched through utilizing the power of IBM PASW Dimensions and Nipo scripting, with a .Net orchestrator in the middle.

Liberty Group South Africa
Financial Advisor
February 2010 - August 2010 (7 months)

Financial planning with regards to investments, retirement, estate planning and risk products such as life insurance. Managing client portfolios

Compuscan
Assistant marketing researcher
May 2008 - January 2010 (1 year 9 months)

Marketing research, writing of: marketing plans, business plans, RFP responses.

HT experience trading as Sound and Image
Sales Executive
August 2006 - September 2007 (1 year 2 months)

Selling and installation of high end home theatre systems. Administration of stock and quality control.

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Education

Microsoft Certification
AZ203, Azure Developer Associate · (2019 - 2019)

Microsoft Certification
Programming in HTML5 with JavaScript and CSS3 · (2014 - 2014)

Microsoft Certification
Programming in C#. Exam 70-483, C#.net · (2013 - 2013)

Microsoft Certification
Microsoft Certification exam 70-484, Essentials for developing windows store apps in c# · (2013 - 2013)

Microsoft Certification
Exam 70-485 Advanced windows store application development c# · (2013 - 2013)