Vincent Lesierse

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Professional Experience

- **Jan. 2012 - Present**
  Exact *(Fulltime)*
  Principal Software Architect

    - Lead the migration of Exact Online from Rackspace Managed Hosting to AWS.
    - Introduced infrastructure as code and tooling to build and deploy infrastructure to AWS. Actively driving the roadmap for infrastructure automation and new cloud development.
    - Guiding development teams to be successful in the cloud by providing architectural patterns & practices and DevOps tooling for supporting continuous deployment pipelines.
    - Lead a development team in taking the first steps to migrate Exact Online from a monolithic architecture to micro services.
    - Extended the Exact Online application framework with support of ASP.NET MVC to enable DDD and TDD for development teams.
    - Add OAuth2 as option for 3th party developers to authenticate with Exact Online's REST API's.
    - Various improvements to the Exact Online application framework for supporting growth of the application and development teams. Actively contributed to the roadmap of Exact Online's system team.
    - Member of the Cloud Solutions architecture board

- **May. 2009 - Dec. 2013**
  Wheel Seven
  Owner

    - **DQFS**: An internal application for providing quality report in the fruit & vegetables market using .NET and Windows Mobile.
    - **Klaverjasblok**: A score keeping application for the card game Klaverjassen. It's written for iOS and launched to the App Store.
    - **Ace 31**: A card game for iOS written using the Cocos2D game engine.

- **Jan. 2010 - Dec. 2011**
  Multicard *(Fulltime)*
  Senior Software Engineer

    - Designed, implemented and productized a payment service with card management portal for consumers using NFC technology. Successfully run a proof of concept together with Albert Heijn using this payment service.
    - Designed and implemented an Android mobile application which allows travelers of the Dutch public transportation system to check-in/out using their NFC cards.

- **May 2004 - Dec. 2009**
  Exact *(Fulltime)*
  Senior Research Engineer

  - Implemented a XML processing engine to support various integration scenarios of Exact products.
  - Created and migrated system components for modernizing a classic ASP application to ASP.NET. Trained and helped development teams during the migration.
  - Designed and implemented system and communication components for a service-oriented application. This included the data access layer, communication and front-end components.
  - Created Exact Identity Service to supply a single sign-on solution for Exact products and federated authentication for partners.

- **Sept 2003 - May 2004**
  Dimension Interactive
  Owner

  - Created various web sites with backend applications for content management and data ingestion from other systems.
  - Created a local broadcast solution with content creation software.
  - Advised and implemented IT infrastructures for a travel agency.
  - Created a booking module for a car rental company.

- **Sept. 2001 - May 2004**
  Tchai Multimedia *(Internship, Partime)*
  Software Engineer

  - Designed and implemented multimedia based solutions for well-known brands.
  - Designed and implemented an intranet solution to improved Tchai's internal communication.

Education

- **2003 - 2004**
  Master Business Administration, Erasmus University (Rotterdam)

- **1999 - 2003** *(Diploma)*
  Bachelor of Information and Communication Technology, Rotterdam University of Professional Education

- **1995 - 1999** *(Diploma)*
  High School, Willem van Oranje (Oud-Beijerland)
  Dutch, English, Math, Physics, Chemistry and Business Studies

- **1994 - 1995**
  High School, Juliana MAVO (Rotterdam)

Certifications

- **AWS Certified Solutions Architect - Associate**

Additional Skills

Languages

Dutch	Hallo Wereld	Native
English	Hello World	Fluent

C#	`Console.PrintLine("Hello World");`	Fluent
JavaScript	`console.log("Hello World");`	Fluent
Python	`print("Hello World")`	Intermediate
Ruby	`puts 'Hello world'`	Intermediate
Objective-C	`NSLog(@"Hello world");`	Intermediate
Swift	`print('Hello world')`	Intermediate
Go	`fmt.Println("hello world")`	Beginning
Java	`System.out.println("Hello, World");`	Rusty
Bash	`echo 'Hello world'`	Intermediate
PowerShell	`Write-Host 'Hello world'`	Intermediate

Computer Science

Clouds	Amazon Web Services, Microsoft Azure, Google Cloud, Digital Ocean
Devices	Mac, PC, Raspberry Pi, Netduino, AWS DeepLens
Operating Systems	Linux (Ubuntu, Debian), MacOS, iOS, Android, Windows (Server)
DevOps	Docker, Kubernetes, AWS ECS, Terraform, Chef
Source Management	GitHub, Team Foundation Server, Visual Studio Team Services
CI/CD	Jenkins, Team Foundation Server, Visual Studio Team Services, AWS Code*
Applications	ASP.NET (Core), NodeJS, Xamarin, AWS Lambda, Service Fabric, Akka.NET
Frontend	HTML/CSS/JS, React, Angular, jQuery
Storage	SQL Server, MySQL, MongoDB, Elasticsearch, AWS DynamoDB, Azure CosmoDB
Big Data & AI	AWS Glue, AWS Sagemaker
Messaging	RabbitMQ, Azure Service Bus, AWS SNS/SQS/Kinesis
IDE	Visual Studio Code, Visual Studio, XCode

Noticeable Achievements

- Speaker at GOTO Nights 2015: Microservices in practice at Exact
- Speaker at Microsoft TechDays 2016: Migration to microservices in practice
- Speaker at DHPA TechFest 2017: Infrastructure as Code at Exact
- Speaker at Microsoft TechDays 2017: Testing in production should be boring with containers
- Contribution to various open source projects
  - Cake
  - ASP.NET Core
  - Homebrew

Hobbies

- **Programming**
- **Formula 1**
- **Snowboarding**
- **Diving**
- **Golf**