Yogan Lee Venkatsamy

CTO at ZonkeTech (Pty) Ltd

yogan.lee337@gmail.com

Summary

I'm a Self-taught Full Stack Developer with years of working experience, most of which was in the Finance Industry. As a developer I've learnt that there isn't room for stagnation in any industry, especially in the "I.T." world. I keep on my toes by listening to tech podcasts, reading blogs and reading a few books (paperback oddly being my favorite). I occasionally explore github, and sometimes contribute.

Experience

CTO at ZonkeTech (Pty) Ltd
January 2017 - Present

Assigned: Dervico

Project: EU-GDPR

• Protect Gamers PII within the Banking Sector

Responsibilities:

• Analyse how and where PII is stored and protect it

Project: Booking Application

• A SaaS application that allows clients to book appointments via a website & mobile app with a company

Technologies:

• C#

• .Net Framework 4.6.2

• Dapper.Net

• MVC

• Azure SQL

Responsibilities:

• Core Developer and tech lead

Project: Electronic Signature (TwistedLight)

• TwistedLight is an electronic signature system that retrieves signatures from clients within minutes.

Technologies:

- C#
- .Net Core 1.0/2.0
- Azure SQL
- Syncfusion
- Storage Queue
- KnockoutJS
- Dapper.Net

Responsibilities:
- Designed and architected solution

Project: Document Management and Requests (Uploadr)
- Document Management for companies and a simple process to request docs from clients

Technologies:
- C#
- .Net Core 1.0/2.0
- Azure SQL
- Syncfusion
- Storage Queue
- KnockoutJS
- Dapper.Net
- Azure Storage Account

Responsibilities:
- Designed and architected solution

Project: Loan Management System
- SaaS Loan management system

Technologies:
- C#
- .Net Core 2.0 & .Net Framework 4.7
- Vuejs
- Azure Redis
- Azure SQL
- Azure Storage
- MongoDB
- eCharts
- Micosoft Power BI

Responsibilities:
- Designed and architected solution

Software Developer at DVT
August 2015 - December 2016 (1 year 5 months)

Assigned: ATM Solutions (Paycorp): August 2015 - January 2016

Project: Notification Service

• A service that was used to send out SMS and Email notifications to dynamic providers.

Technologies:

• C#

• .Net Framework 4.5

• EntityFramework

• WCF

• MSSQL

Responsibilities:

• Designed and implemented the database, as well as a significant part of the service

Project: Transaction Search

• A system that was built on a database warehouse to efficiently search through millions of records
 via a web portal

Technologies:

• C#

• .Net Framework 4.6.1

• EntityFramework

• Dapper

• MSSQL

• SSAS/MSAS

• SSIS

• SSRS

• Angular Material

• MVC ASP.NET

Responsibilities:

• Designed and implemented the database based on a snowflake schema, SSIS packages and the
 services around the searching mechanism.

Assigned: The Unlimited Group: February 2016 - September 2016

Project: Upgrading Internal Sales System

• Development on new application platform for international expansion of the business.

Technologies:

• C#

• .Net Framework 4.5 – 4.6.1

• EntityFramework

• WebAPI

• RabbitMQ

• MSSQL

• MVC ASP.NET

Responsibilities:

• Assisted with completion of various modules of the application

• Designed and implemented new modules

Assigned: Derivco: October 2016 - December 2016

Project: Customer Scalability

• Dynamically Link Players together based on PII

Technologies:

• C#

• SQL

• Redis

• Service Fabric

• RabbitMQ

• ELK Stack (Elastic Search, Logstash and Kibana)

Responsibilities:

• Create Algorithm to Dynamically link Customers and their relations

Software Developer at Atlas Finance
October 2012 - July 2015 (2 years 10 months)

Project: Loan Engine

• The core of a loan system put into place. Calculates affordability, interest, instalments, etc. Manages the workflow of the loan from start to end.

Technologies:

• C#

• .Net Framework 4.5

• Dev Express XPO

• WCF

• RabbitMQ

• PostgreSQL

Responsibilities:

• Designed and implemented significant part of database and application architecture

Project: Debit Order Service

• An automatic service that pushes through debit orders to ABSA via FTP. Users can do CRUD
 operations for debit orders, in single transactions or batches.
Technologies:
• C#
• .Net Framework 4.5
• Dev Express XPO
• WCF
• RabbitMQ
• PostgreSQL
• MVC ASP.NET
• AngularJS
• Bootstrap
Responsibilities:
• Designed and implemented database and application architecture

Project: Stock Management
• A generic stock management system that can hold any type of product with basic stock controlling
 properties, such as, quantity, price, supplier, etc.
Technologies:
• C#
• .Net Framework 4.5
• WCF
• Dev Express XPO
• WinForms
• PostgreSQL
Responsibilities:
• Designed and implemented database and application architecture

Project: Notification System
• A notification system that sends notifications to users of a web application, via xSockets (this was
 later changed from using xSockets to SignalR due to licensing issues)
Technologies:
• C#
• .Net Framework 4.5
• Redis
• xSockets
• SignalR
• AngularJS
Responsibilities:

• Designed and implemented significant part of database and application architecture

Project: Follow-Up System (lighter CRM)
• A system that imports data from multiple external databases and automatically assigns and
 schedules work to users.
Technologies:
• C#
• .Net Framework 4.5
• SignalR
• AngularJS
• Bootstrap
• Rest API
• PostgreSQL
• Dapper.NET
• Dev Express XPO
Responsibilities:
• Designed and Implemented database and application architecture

Developer at PAYM8
August 2012 - September 2012 (2 months)

Software Developer/Analyst
July 2009 - July 2012 (3 years 1 month)
  Project: AHV Service and Front end
  • A system that verifies Banking Details via ABSA Integration
  • C#
  • .Net Framework 3.5
  • Windows Service
  • WinForms
  • Dev Express 8
  • SQL Command and Linq2SQL
  • Assisted with database and Architecture
  • Absa Host to Host – ASCII File integration

  Project: Fraud Capturing System
  • A system that allows users to capture fraudulent activities
  • .Net Framework 4.0
  • C#
  • WinForms
  • Dev Express 11

- Dashboards
- Linq2SQL

Project: Payout System
- A system that automatically does loan pay-outs once a loan has been approved
- .Net Framework 4
- C#
- WinForms
- Windows Service
- MSMQ (Microsoft Messaging Queue)
- Dev Express 11
- Assisted with database design and implementation
- NHibernate
- Absa Host to Host – ASCII File integration

Project: Central Contact Date System (Data Integration with multiple SQL Server Databases)
- A Central Database of client's telephone numbers with activities
- C#
- Winforms
- .NET framework 4.0
- T-SQL (MS SQL)
- SQL Agent Scheduled Jobs
- Linq2SQL
- Binding Lists
- Dev Express 11
- SSIS packages
- Assisted with design and Implementation of Database Architecture

Developer
2009 - 2009 (1 year)
Tech Stack:
asp.net (aspx)
mssql

Education
UNISA
BsC, Computer Science, 2010 - 2015
University of KwaZulu-Natal
Computer Engineer, 2007 - 2008

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yogan.lee337@gmail.com

Linked in.

Contact Yogan Lee on LinkedIn