

GARY THOM

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Virginia

631-803-6841

Core Competencies:

- Management & Mentoring
- Architecture
- SOA & microservices
- SDLC
- Center Of Excellence

Technical Skills:

- Elixir/Phoenix/Nerves
- Ruby/Rails
- Docker
- CircleCI/AWS
- TerraForm
- Postgres, SQL Server, Oracle

Other:

- 11+ years working remotely.
- ShapeUp & Agile

Education:

Bachelor of Science Degree in Computer Science from Aberdeen University (Scotland).

PRINCIPAL SOFTWARE ENGINEER, FLATIRON SCHOOL - 2021 - PRESENT

Contributes technical design and systems architecture across services and applications in a product area. Responsible in delivering highly available critical systems. Partners with product management to lead technical requirements gathering discussions with stake holders. Contributes to engineering process improvements, technical standards, and other efforts to raise the quality bar.

Leadership:

- Replaced standard Agile with ShapeUp, increased productivity and developer satisfaction.
- Rationalizing existing systems into a distributed, micro-service focused architecture.
- Lead and mentor development teams, substitute for director of engineering.
- Migration of monolithic applications to micro-services in Ruby/Rails and Elixir/Phoenix.
- Introduction of GraphQL and federated micro-services in Elixir and Ruby.

Greenfield Applications:

- Compliance Documentation system with integration to DocuSign
- Student Portal
- Educator Portal

SOA TECHNICAL LEAD, REFINITIV (FORMERLY THOMSON REUTERS) — 2003-2020

Elixir Utilities, WebSites and MicroServices

Design, implement and deploy various tools and web-sites to aid in implementing the software lifecycle (SDLC)

Events (IIB / IBM Mainframe / WebSphere MQ)

Worked with the Product Owner to develop the SDLC for new Event Driven products for client application, architected and developed the POC to be used as the template for further event products. Developed the distribution engine for event routing.

Wealth Web Services (IIB)

Principal Services Architect, SME and Technical Lead for Refinitiv Wealth Web Services / Platform Modernization effort, currently supporting 300 service, implemented in IIB (IBM Integration Bus), interacting with IBM Mainframe via CICS.

Responsible for creating the standards for service operations, designing techniques for integration with mainframe and Oracle in a multi tenant shared environment.

Manage engineers / developers in an agile development environment.

Shared Web Services (C#, SQL Server & Oracle)

Architect, SME and Technical Team Lead (8 senior developers) for the Thomson Reuters SWS, this system exposes various account and trading back end systems (Beta Host, SQL Server and Oracle via stored procedures) through a unified SOA. Supports various front end systems, including the mobile platform T1 Anywhere.

Worked side-by-side with the Product Owner to develop service standards, elaborate requirements, translate business requirements to technical specifications.

Worked alongside the Product Owner to vet requirements from internal and external clients to new and enhanced products to produce specifications.

Beta Online (C# .Net, SQL Server, ASP.Net)

Architect and lead engineer for the service layers for Beta Online, this system allowed client sites to implement trading via Beta Systems (Thomson Reuters) backend, high volume and high availability. Currently supporting 4 clients with 3M users and 3.5M requests per day.

Strategic Alerting - Event Driven System (C#, WebSphere MQ)

Architect and lead engineer for the Thomson Reuters alerting systems which forms the backbone of the alerting solution for Thomson One workstation, Smart Station and Eikon.

MLOL (C#)

Senior C# Analyst / Engineer. The MLOL product was an integrated trading and wealth management system initially developed by Thomson Financial on behalf of Merrill Lynch.

SENIOR ARCHITECT, DELOITTE CONSULTING — 2002-2003

CPCMS, this system is to be deployed to all the Courts of Common Pleas offices in the State of Pennsylvania. It is used to track defendants, their cases, court appearances and all other related data.

As framework architect, I was responsible for designing and building the framework components to be used by the other developers, the caching mechanisms, and user interface standards.

Senior .Net Developer, weightwatchers.com — Nov 2001 - Oct 2002

Senior Software Analyst, SIAC (NYSE) — Aug 2000 - Sept 2001

Senior Software Analyst, CDC (Bank), Aug 1998 - Aug 2000

Senior Software Analyst. Salomon Smith Barney, Oct 1997 - Aug 1998

1983-1997 available on request (mostly oil industry and software training related)