Curtis Schlak, Vice President of Engineering —

2017-2020

Anthem, Inc

Technical Consultant & Architect

6

870,000

67,000,000+

Projects.

Documents generated Insurance groups Worked across multiple projects in support of the largest health insurance company in US:

900k+

- Migration of over 67 million members across 870,000 insurance groups from one Plan Benefit Manager (EasyScripts) to another (CVSHealth);
- Near real-time dynamic document generation for multiple lines of business: Medicare, Medicaid, and Commercial;
- Automation of pharmacy eligibility and plan benefit validation;
- Central management of corporate branding and identity for subsidiaries and external partners;

Next-gen cross-corporate framework for rapid application development.

Interacted with clients and external partners in order to assess scope and determine the approaches that provided the best value for all parties involved; provided technical know-how and hands-on coding on all projects I was involved; helped bridge business expert knowledge and QA methodologies in order to ensure end-to-end coverage of functionality; worked diligently to implement coding best-practices, security enterprise standards, as well as meet throughput metrics.

Assisted with the largest member migration in the healthcare sector, impacting over 67 million members across over 870 thousand insurance groups. Wrote the rule engine that determined each migration wave's composition and metadata, and worked with source membership systems, mainframe and data warehouse teams to appropriately ingest and transition information to the eventual Plan Benefit Manager of choice.

Offered technical leadership to an internal document generation system, aiming to move the company away from existing solutions and provide near real-time results in production, previous, and transmission of template-based (mail-merge) documents to one of three destinations: physical mail, fax, or e-mail.

PBM - Plan Benefit Management ETL and Data Migrations .NET Core 2.1-5.0 .NET Framework | C# 7-9 | Python 3.6-3.9 **ASP.NET Core** Amazon AWS Amazon Lambda Amazon Glue Angular 7 Quartz.Net and HangFire Entity Framework Core MS SQL Server Amazon Redshift | Teradata | MongoDB | RightFax Gateway

2014-2017

Enterprise Products

Technical Lead

3.8M

languages

Lines of Code across 6

Personal commits

People managed

\$150 million

Project budget

Philip is the Real Deal when it comes to software design experts. John Bowlin, Senior Systems Specialist

Built an oil, gas, and NGL logistics platform unparalleled in the industry

- Lead two teams on the *Accounting* track to build end-cycle solutions that included:
 - multi-stage billing pipelines capable on handling high throughput and complex distribution and contract billing scenarios;
 - an invoicing service with PDF generation capabilities triggered both near-real-time and on an advanced schedule matrix;
 - multi-level and multi-asset journal entry and end-of-month closing; journal entry creation and integration of account codes with Oracle Financial;

ability to re-run and re-created historical billing scenarios.

Led the *Measurements and Material Balance* team in designing and implementing a large data acquisition and processing module to handle measurement, product movement across pipelines, storage, wells, tanking, chemical processing and calculations, as well as inventory, material balance, and over/short accounting.

Worked with business analysts to refine requirements and define scope; worked closely with QA to design testing plans and ensure coverage; worked with business experts to clarify and distribute business knowledge across development teams.

Increased technology knowledge across the project through presentations, classes, technology demos, tooling and deep-knowledge sharing. Through coaching and mentoring and his individual contributions as a developer, Philip helped the team become one of the

most productive teams on the project Richard Flores, Technical Director

Material Balance .NET 4.6 C# 6 ASP.NET MVC ReST API Oil, Gas, and NGLs Transportation Invoicing Measurements RabbitMQ NServiceBus Knockout.js Entity Framework MS SQL Server **Messaging Architecture**

2009-2011 2012-2014

Bank of America Merrill Lynch

Technical Lead

8

Devs, BAs, & QAs

15 Markets 20,000 Trades daily

\$1.2+ billions Processed yearly

Philip is one of the most passionate and driven developers I have had the pleasure to work alongside. He is an individual who is naturally able to strike a balance between on-time delivery and building perfect software, meaning on-time deliveries and great software is what can be expected from him.

David Snow, Manager, Director

As the technical leader of the Sales & Trader Tools group, a two-team development division peaking at 12 developers, 3 BAs, and 3 QAs, I split my time between three primary activities:

- participating in functional requirements design sessions with stakeholders in the trading and sales organizations;
- designing and programming the most complex parts of the application; and, providing design, programming, and testing guidance for the members of my team.

Re-engineered the Trade Execution product from serving 2 commodities desks to 15 desks including natural gas, crude oil, power, coal, and base and precious metals. At the end of my first contract, 80% of the company's trades were captured and routed through my team's app. This increased to 95% of market-facing trades, and 100% of the sales' trades (flow business) by the end of the second bout.

Philip has a passion for his craft and his software is the evidence. Working with him was both influential and a good time due to his humor and on-demand critical thinking.

Dustin Lyday, Software Engineer

Trade Execution Front Office Sales/Flow Business .NET 4.0 .NET 3.5 C# WinForms Financial and Physical Instruments Energy Trading Tibco EMS Infragistics OpenLink Endur

2012

Energy Solutions International

Senior Software Consultant

150 ms Average API response

500 ms Average page load

\$40.3 billion

Estimated market size

Products to be built on top of platform As a consultant to ESI's energy trading group, I partly led and fully participated in the effort to build the base for ESI's next-generation, energy-trading platform. This moved the product from an application with high maintenance costs to a powerful, fast, scalable, and customizable Web-based

Philip is inventive, diligent, and strives to improve his craft. I was constantly impressed by Philip's insights and his ability to

quickly learn and apply new concepts. I saw in Phillip the talent to lead projects and teams. Scott Elder, Manager

Gas Trading

Gas Production and Exploration Support

application.

Pipeline Management

MS SQL Server

2008-2009

Kendo UI

Senior Software Consultant

ASP.NET MVC 4

\$62 million

Non-profit

Elucirate

organizations.

Rice Centennial

Consulting & Development

.NET 4.0

Gas Trading System for the North America Gas & Power division, in particular a comprehensive yet very flexible gas nominations module. Nominations Gas Scheduling Settlements .NET 3.5 C# WinForms WCF MS SQL Server Tibco RV DevExpress OpenLink Endur Oracle SAP

1996-2008

Miscelaneous Companies

Senior Software Engineer & Consultant

discogs-xml2db

Main Developer

squeaky

Fork, Main Developer

I developed web and desktop application for clients in numerous fields — from legal, to banking, to media companies, to government agencies — in US and in multiple European countries.

.NET C# Python PHP JavaScript MS SQL Server MySQL PostgreSQL MS Reporting Services MS Analysis Services | Oracle | SAP | Django

Projects

ManyBox Main Developer

Hosted temporary, private email (similar to Mailinator).

Node.js TypeScript React Redux Express PostgreSQL Mailgun Amazon SES Docker

Herman Park Conservacy Consulting & Development CMS with dynamic components Other similar sites built for clients of a media company.

CMS Django JavaScript

Decision making support for individuals, teams, and

django-cms Python Google Maps API

Consulting & Development

Imports extremely large XML data dumps, into structured and document databases. Data Import Python Node.js PostgreSQL MongoDB

Lightweight web proxy based on A2 / PHProxy

Proxy Data Scrubbing PHP Javascript

LeaseMilesTracker Main Developer

Projects alloted mileage for leased vehicles. (Tech

listed for version in development) Auto Leases JavaScript Angular Docker

showoff Developer

Slack bot for reporting item statistics. Based on Hubot framework. Building a similar bot on botkit framework.

Slack bot Node.js CoffeeScript JavaScript Hubot botkit Docker

Django JavaScript Python Knockout Heroku

Centennial. CMS Django JavaScript Python Google Maps API Draw.io

Multimedia experience celebrating Rice University's

Education

1994 – 1999

BS, CS & EE Polytechnic University Bucharest

Romania.

From the prestigious College of Computer Science and Engineering in Bucharest,

Data Science Certifications Coursera

Curriculum developed and administered by Johns Hopkins University. • Practical Machine Learning

• Exploratory Data Analysis Statistical Inference Regression Models

• Developing Data Products • R Programming

2015-2016