Curriculum Vitae
Tomasz Zaniewski
Backend Software Developer

Work Experience

Allan Gray 2007 – Present… wow

The Most recent project worked on allows transactions originating from the front end to be
processed straight through without requiring human intervention. This involves building the micro
services, databases and BPMN workflows that enable this as well as integrating with many of the
other systems that are needed to process a transaction, such as the CRM system, the account
management system, and api's developed by other domains.

Other projects include:
Astute interface: Design and implementation of system that allowed Astute (external financial data
aggregation company) to obtain investment information from Allan Gray.

Communication Engine: Batch and on demand processing system used to gather data, generate and
send out client communication of any kind to clients. This ranges from SMS notifications to
monthly statements to transaction confirmations and tax certificates.

Digital Authorization: Design and implementation of solution that allowed brokers to submit
transactions on clients behalf and obtain authorization from client digitally witout the need to fill
out forms.

The Domains System: A system for coordinating interaction between the numerous 3rd party
systems used at the company.

Migrating of architecture from monolith to micro services. Migrating code from C# to Scala and
Golang. Implementing monitoring and alerting of all components of the solution. (Stack: Docker,
Kubernetes, Scala, Golang, MS SQL)

Saratoga Software

Developer \ Solution Designer

December 2005 - September 2007

I worked on the design and implementation of an Electricity meter management system. I was
responsible for the mobile subsystem of the project. This included building the software to be used
on Windows Mobile devices, and building the back end services the devices would communicate
with, and the implementation of the interface to the RF unit used for communication with the
physical meter.

The mobile devices used custom built RF hardware to gather information about the meter installed
at a location. They would be used to scan meter serial numbers, capture GPS co-ordinates and
capture readings from the meter, this would be uploaded the central server.

This has exposed me to a number of cutting edge technologies at the time such as the .net compact
framework, interfacing with GPS hardware, Bluetooth and RF communication. I have also gained
significant experience in higher level aspects of system design.

Kinetic MDS

Software Developer

August 2005 - November 2005

I was involved in the development of the client side application of the Kinetic Mobile marketing system. The application was written in C# for the .net compact framework, and intended for use on Windows CE mobile devices. The application allowed sales agents to place orders and manage stock using their mobile device.

This project has exposed me to the .net mobile framework. Reason for leaving: Poor development environment and lack of organization