

Brian Mooney
0879315211
brian_satchwannabe@hotmail.com
<https://github.com/irishshagua/>
<https://irishshagua.github.io/>

PERSONAL PROFILE

Software Engineer with over 6 years' experience exposed to various platforms, languages and design standards in teams of varying abilities. Highly proficient in starting anew within large scale applications under own tuition and initiative. Proven ability to complete projects to the highest standard, with meticulous attention to detail and within agreed deadlines.

PROFESSIONAL EXPERIENCE

Senior Application Engineer **Paddy Power** **Jul 2013 – Present**

Worked across different teams mostly in a Kanban delivery model with focus on CI/CD. Acted as a mentor to junior members as well as participating in overall architectural design of projects.

- Greenfield project to calculate event liability for PP trading team. Service oriented architecture with event sourcing and CQRS design to enable scalability when handling large amounts of data.
- Worked on several middleware services as part of a scalability project within PP to remove core business logic from DB as well as to enable horizontal scaling.
- Project to convert DB log to event stream to decouple middleware business logic from source of truth data store.
- Internal tools platform for QA Test Automation and Performance Test Tooling.

Technologies:

- Scala, Akka (sharded cluster with Cassandra persistence), Scalatest
- Java, Spring (Boot, Batch, Integration), JEE, Diffusion
- Groovy Spock
- AngularJS, NodeJS
- Informix, Cassandra, MySQL, RabbitMQ, WildFly, Tomcat

Software Engineer **Dell** **Oct 2011 – Jun 2013**

Worked as a Software Engineer in Test with a focus on driving automation within the QA team for the new Cloud R&D department. Focus on upskilling manual QA team members to enable writing of automated tests in Java using custom framework.

- Built a Test Automation orchestration platform for Dells OpenStack cloud offering.
- vSphere admin for test environments

Technologies:

- Java, Vaadin, JBehave
- vSphere, Windows/Linux automation

Test Automation Engineer **Pocket Kings** **Jul 2010 – Oct 2011**

Joined as a junior automation engineer into the QA department, moving into the senior position within the team after the senior engineer left. Responsibility for delivering test scripts as well as execution environment across a VM farm.

- Scripting test case for Qt based desktop client for online poker client.
- Maintenance of web based test management system
- Lead the drive to upskill QA team to write their own automated acceptance tests

Technologies:

- Python, Squish Automation tool
- PHP, Perl for automation management tool

TECHNICAL SKILLS

Language:

Scala; Java; Groovy; SQL; JavaScript; Python; Rust

Framework:

Akka (Cluster, Sharding, Persistence); Spring (Boot, Batch, Integration); JEE; Dropwizard; AngularJS;

Database:

Cassandra; Informix; MySQL/MariaDB

Container:

Tomcat; WildFly; Diffusion

Message Bus:

RabbitMQ; Kafka

Build:

Maven; SBT; Gradle

Excellent interpersonal skills, dealing with both local and international colleagues on a daily basis. Mentoring skills for junior members. Effective team player from having worked within numerous teams throughout career.

EDUCATION & TRAINING.

BEng. in Computer Engineering from NUI Maynooth 2004 – 2007

- *Research methods to handle network jitter in peer to peer gaming algorithms*

Published Articles:

http://digital-library.theiet.org/content/conferences/10.1049/cp_20070682

INTERESTS.

- Dedicated Husband and Father
- Home Brewer (2015 Smythwicks Homebrew Champion)
- Open Source Enthusiast (contributor to Firefox, Akka, amongst others)
- Studying Mandarin and Gaelige
- Ireland and St. Patricks Athletic fan
- Guitarist (Rock star in training)

REFERENCES ON REQUEST