Richard McSharry BSc (Hons), MA (Dist)

Software Engineering Veteran
Experienced to Director/Founder level
(including own startup exp)

➢ **I am a developer at heart - coding since aged 12.**
➢ **I have extensive international leadership experience in various industries across multiple technology stacks.**
➢ **I am looking for leadership roles in tech startups, preferably in EdTech, Blockchain, or FinTech.**

RECENT EXPERIENCE

Various startups, USA, EU — *Startup Founder/Developer*

FEB 2016 - present

Since closing my own software company in 2016 I have worked in my free time specialising in providing my expertise to startups:

- Co-Founder at 2 SaaS startups (Angular and Ruby on Rails)
- Lead Engineer at an eCom startup and an EdTech startup*
- Chief Software Architect at a Swiss [blockchain startup](#) (a pro-bono role)
- Lead Frontend Engineer at an NYC blockchain startup in Private Equity

*The EdTech is [EasyPeasy](#)- aimed at pre-school education and that went on to successful funding and was highly praised by Oxford University. See [this report](#) in The Guardian.

Harald Quandt Trust, DE — *Head of Software Development (interim)*

MAR 2019 - OCT 2019

- I was hired to lead the design and development of HQ Trust's new digitisation platform, used to manage the wealth of the world's eighth wealthiest family - so $40bn USD.
- I was responsible for designing the architecture, building the MVP and hiring a team of engineers, QA, product owners and managers to build the system going forward.

ING Bank, NL — *Principal Consultant*

MAR 2017 - MAR 2019

- The bank was fined $1bn due to AML weaknesses and I was hired to help fix their systemic problems - with tech, people, leadership and process.
- For example, I led the design and implementation of a CD pipeline that reduced the deployment process from weeks to hours.
- I was hired as a Principal Consultant Engineer to help with the management and development of their Financial Crimes AML

SKILLS

CTO
Team Building & Leadership
Software Development
Systems Architecture
SaaS Design & Development
UI/UX
Microservices
Ruby on Rails
Angular, ReactJS
Typescript

AWARDS

AFCEA UK Scholarship
A national award for outstanding contributions to university and community life

MOD Scholarship
An academic scholarship from the UK Ministry of Defence for outstanding undergraduate performance.

Academic Prize

Academic Award for high achievement in first year exams

Siemens Undergradaute Scholarship
A 3 year scholarship and 2 summer internships for high achieving undergraduates

Knights of St Columbus Shield
A high school award for outstanding contributions to school and community life

platform, directly managing the DevOps team and platform that provided AML coverage for 27 countries.

Tripolis Solutions, NL & VN — *Director of Engineering*

JAN 2013 - FEB 2016

- I helped lead the design and engineering of an enterprise SaaS product with 150+ micro-services delivering 1m+ emails every 10-12 minutes for each user.
- I was sent to Vietnam with the CTO to build an offshore engineering center from scratch.
- Together we hired a mixed team of 25 engineers, designers and testers, including DevOps, and built the office from scratch.
- For the first six months I also directly managed the DevOps team in Vietnam and our Senior Dev team in Amsterdam until we secured the right leaders for each of them.
- I was the stand-in for running the entire operation when the CTO was away.
- I assisted in all aspects of running this startup, including helping design the SaaS architecture, establishing git workflows, Scrum processes, code reviews, mentoring and setting up a continuous delivery for the platform.
- Tech included RoR, Angular, GoLang, AWS, ElasticSearch, MongoDB, Apache Kafka and Storm, GoCD, Postgres, Apiary, TargetProcess, Photoshop, UserVoice, Payment Gateway & Facebook/Twitter api.

EDUCATION

UCA, UK — MA *(Distinction) in Digital Game Design*

- I studied part-time, focusing my research on UX and UI on touch surfaces.
- For my Thesis I designed and built a multi-user touch game for a table-based touch computer in C# and WPF.
- I partnered with Microsoft UK Technology Center on this, and they kindly allowed me to record a demo in their studio, which can be seen here.

University of Cranfield & Defence Academy of the UK — *BSc(Hons) in Command & Control Systems*

- This was an undergraduate degree that focussed also on management of complex command and control systems for the military, emergency services and disaster response operations.
- For my Thesis I built a neural network on a 64-processor parallel computer.
- I won 3 Scholarships - Siemens, UK MOD, and a National Award (AFCEA UK)

FISERV, NL — *Lead Silverlight Consultant*

JAN 2012 - DEC 2012

- My company had become the leading Silverlight studio in the UK and this project became a key client.
- I was personally hired to lead an international team of 20 developers to help convert their Financial Crime HTML-based platform to Silverlight.

Electric Scribes, UK — *CEO/Founder*

JUN 2008 - DEC 2016

- This was my own IT Consultancy, a Microsoft Partner.
- We designed and built various applications for clients such as Microsoft and it's Partners.
- One of our largest projects was for several trusts within the UK NHS. The success of that project resulted in me being offered Director of BI for the NHS nationwide. I declined!

Microgen & Allianz Insurance, DE — *Lead Consultant*

APR 2007 - JUN 2008

- I was hired to lead a team of international consultant engineers for an EU-wide SAP ETL project in underwriting.
- The success of the project resulted in me being offered the BI Practice Lead, but I decided it was time to start my own firm.

Myron Manufacturing Ltd, UK & CT, USA — *European Information Manager*

FEB 2004 - APR 2007

- I led the information architecture team to design and build a BI/DW system to replace the legacy IBM Mainframe based platform.
- The success of the project in Europe led to me also implementing it for all operations in North America.

UBS Warburg, UK/CH/USA/HK — *Global Technical Project Manager*

JUN 1999 - JUN 2002

- I built and led a team of engineers to design and build a global market-data fed 360 degree employee appraisal BI system.
- This global platform revolutionised the way the bank decided bonus payments and became a core part of the bank's HR systems.
- The first reports from this system caused all bonus payments in the Equities division (approx 1.5 bn CHF) to be frozen and re-evaluated.

END