Patrick McAndrew | Hands on CTO

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Objective

Seeking a CTO role or similar at a start-up or scale-up company which has a viable business model, provides true value to their customers, and has honesty, transparency, and employee empowerment as core values.

Selected Achievements

• Instrumental in creating a **£750k+ ARR business** from the ground up at so-sure

• **Reduced claim rates at so-sure by over 50%** utilising pic-sure, a patent pending phone selfie process

• **Ensured 99.99% uptime** over 1 year period at PeerJ.com

Skills & Abilities

MANAGEMENT

• **Creating high performing teams:** Hired, grew, and lead small teams at CSN Energy, so-sure, PeerJ.com, & Tangaro

• **Ensuring employee engagement & satisfaction:** 11% average annualised turnover over 3.5 years at so-sure

• **3rd party vendor management:** Vendor selection and contract negotiation for payments, device checking and various other vendors.

PRODUCT

• **Interim product owner:** in-between turnovers at so-sure, ensuring consistency between the 4 product owners. Full product ownership of pic-sure, a phone selfie process.

POLICIES, PROCEDURES, & COMPLIANCE

• **Creating IT Policies & Procedures:** Created Disaster Recovery and Information Security Policies at so-sure to meet 3rd party partner regulated banking requirements.

• **Creating Business Policy & Procedures:** Created procedures to handle claims & support related queries at so-sure. Added clauses to policy terms to reduce fraudulent cases at so-sure.

• **GDRP:** Drove implementation project at so-sure. Successfully lead incident response to minor data breach (3rd party implementation issue w/50 affected users) without incurring ICO fines.

• **Compliance**: Prevented many incorrect statements from being released on website and app to avoid incurring FCA fines.

COMMUNICATION

· **Remote/semi-remote team management:** Utilising various tools to ensure quality & communications at so-sure & PeerJ.com.

LEADERSHIP

- **Temporary MD:** Lead and ran so-sure during CEO's absence (holidays, conferences) with full ownership including claims and financials

SELECTED HANDS ON TECHNICAL SKILLS

- **Languages**: javascript/nodejs | php | python | c#

- **Frameworks/Libraries**: express.js/vue.js/jquery | symfony | django | .net standard/.net core

- **DBs/NoSql**: mysql/mssql/postgres | redis/elasticsearch/mongodb | emr (hadoop) | dynamodb

- **Analytics**: mixpanel/google analytics/adobe | sixpack/optimizely | hotjar

- **DevOps**: nagios/icinga/munin/monit/sensu | jenkins | puppet/ansible | packer/terraform | varnish/apache/nginx/haproxy | docker/kubernetes

- **Servers/Cloud**: linux (ubuntu, centos)/windows | aws/azure | scalr | rackspace

Recent Experience

CONSULTANT | TRUVEAL | DEC 2019 – PRESENT
- Successfully completed several projects such as improving search functionality for Dixons Carphone

CTO (UK) | CSN ENERGY | MAY 2019 – DEC 2019
- Started on a UK version of a successful French SAAS solution for Energy Suppliers

CTO | SO-SURE | FEB 2016 – APR 2019
- Created a mobile phone insurance MGA

SENIOR BACKEND ENGINEER/DEVOPS LEAD | PEERJ | SEPT 2012 – FEB 2016
- Ensured the PeerJ site could handle scale when articles were linked on CNN and BBC

CTO | TANGARO/CLIPDO.COM | AUG 2011 – AUG 2012
- IT Consultancy with a product that sent website content to kindles with social commentary element

Education & Associations

MEMBER | 2008-PRESENT | BRITISH COMPUTER SOCIETY

GROWTH DOJO PARTICIPANT | 2017 | 500 STARTUPS

BSC COMPUTER SCIENCE | GEORGIA INSTITUTE OF TECHNOLOGY