Matt Schofield

+44 (0) 7575 581 518
matt.schofield.102@gmail.com
github.com/mattschofield

EXPERIENCE

2015–present — **Credit Kudos** — *Co-founder & Chief Technology Officer*
LONDON

- Responsible for early product development, software architecture, data engineering, team leadership and organisation design
- Built strong, collaborative and open engineering culture, with focus on long-term value, individual accountability and careful management of technical debt
- Designed and built network infrastructure for high security, adopting "Privacy by Design" and other Data Protection standards, making use of automation and infrastructure-as-code
- Codified and built necessary procedures and controls for ISO27001 certification and FCA authorisation
- Led one of the first PSD2 third-party (TPP) engineering teams through the managed roll-out of Open Banking in the UK, integrating and testing APIs offered by the UK's largest banks
- Represented the PSD2 third-party community on the Open Banking Technical Design Authority, alongside technical leaders in the largest UK banks
- Devised, implemented and ran hiring process for the EPD organisation from 0-20, maintaining a culture of psychological safety and individual autonomy
- Crafted and ran effective performance management and progression framework, resulting in exceptionally-low attrition and high levels of productivity

2013–2015 — **Universal Music Group** — *Manager, Digital Development and Tools*
LONDON

- Single-handedly designed and implemented robust 5000 LOC alerting service in Go
- Developed full-stack Javascript application for managing online profiles
- Implemented zero-infrastructure, data-driven emailer service in AWS Lambda
- Built several Cassandra- and Redis-backed Node.js analytics APIs

2013–2015 — **Spinnup** — *Chief Technology Officer*
LONDON

- Effectively led several remote development teams
- Oversaw successful migration from standalone hosting to AWS cloud
- Redesigned software stack for cloud environment

2011–2013 — **Universal Music Group** — *Technology Intern*
LONDON

- Developed Ruby process to import iTunes EPF data.
- Implemented data mining model to explore artist associations.
- Contributed to one of the first Spotify apps to have over 1m installations

TECHNOLOGIES OF CHOICE

- JavaScript, Go, Ruby on Rails, AWS, GCP, Terraform, Unix, Redis, React, LaTeX

EDUCATION

2009–2013
Computer Science with Industrial Experience
University of Manchester
1st Class Honours

- Advanced Algorithms, Understanding Programming Languages, User Experience
- Software Evolution, Data Integration & Analysis, Software Design with Patterns
- Compilers, Concurrency & Process Algebra

INTERESTS

- Music, Food, Languages, Technology, History, Football, Travel, Podcasts, Politics, Behavioural Economics, Strategy Games, Photography, Fantasy

---

LANGUAGES

- *French* (Beginner)
- *Italian* (Beginner)
- *Swedish* (Novice)

OPEN SOURCE SOFTWARE

FreeCycle
github.com/mattschofield/freecycle

A more modern rebuild of freecycle.org using Ruby on Rails, AWS and React.js.

Bike Spotting
github.com/JonNorman/bike-spotting

A data visualisation project for exploring the locations of Santander Cycles in London and plotting their usage throughout the day.

Knapsackery
github.com/mattschofield/knapsackery

An implementation of the multi-dimensional Knapsack problem, implemented in Go.

REFERENCES AVAILABLE UPON REQUEST