

Mark Ryan

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Experience:

Ennismore - Go Engineer:

Sep 2022 - present

- contract role back at Ennismore - working on version 2 of the hotel room booking engine
- leading new Stripe integration and architecture

Tech stack: Mostly same as before plus DataDog, AWS (Lambda, S3, DynamoDB), SST, Temporal

Methods - Go Engineer:

Jan 2022 - Sep 2022

- initial 3 month contract via Methods to the Office for National Statistics (<https://www.ons.gov.uk/>)
- working on software to improve the publishing workflow for data visualisation teams

Tech stack: Go, AWS (S3, DocumentDB), Kafka, Hashicorp (Nomad/Consul/Vault), GitHub,

Concourse, Terraform

Sainsburys - Go Engineer:

Sep 2021 - Dec 2021

- 3 month short term contract until Dec 31st 2021
- helping feature enhance RESTful API layer around enterprise retail platform XML service used for in-store Smart Shop system, Groceries online, and Uber Eats, Deliveroo integrations.

Tech stack: Go, gRPC, Protobuf, Postgres, AWS (ECS, SQS, SNS, DynamoDB), GitHub, Jenkins,

Terraform, Grafana, New Relic, ELK, Docker

Ennismore - Go Engineer:

Sep 2019 - Sep 2021

- initially 6 month contract extended then switch to perm in April 2020
- part of a small team to deliver in-house solution for hotel room booking system
- greenfield project initially, January 2021 in production for multiple tenants (11 hotels)
- Sept 2021 approx. 7000 bookings generating £5million revenue per month
- integrated with Oracle Opera hospitality service via legacy SOAP API's, Stripe and Adyen payment

solutions also various RMS/CRM systems via standard HTTP APIs

- microservice event-driven architecture written primarily in Go (+ 1 Kotlin service) running in AWS on managed Kubernetes (EKS) communicating internally via gRPC

Tech stack: Go, Kotlin, gRPC, Protobuf, Postgres, AWS (EKS, SQS, ECR), Kubernetes, GitHub (incl. Actions CI/CD), Drone, Terraform, Grafana, LogDNA, Kong Gateway, Docker, Stripe, Adyen

Kainos - Java Engineer:

Jun 2018 - Sep 2019

- initial 6 month contract plus 1 extension
- part of the Money Claims service for Her Majesty's Courts and Tribunals
- team of 30 running a hybrid Agile model with mixture of Kanban and Scrum
- responsibility for several key migrations:
 - to Azure managed Kubernetes (AKS) from Azure App Service
 - case data to a central service for single source of truth
 - IdAM upgrade - moving away from inhouse solution to ForgeRock

Tech stack: Azure (incl. Azure DevOps CI/CD), Jenkins, Travis, Kubernetes, Flux, Docker, Terraform, GitHub, Postgres, Spring Boot, NodeJS, Typescript

GitHub profile: <https://github.com/markry-kainos>

Oddschecker - Senior Java Engineer:

May 2016 - Jun 2018

ETS - Head of Technology:

Jan 2001 - May 2016

Education

BA (Hons) Computer Science (2:1):

Kingston University

BTEC National Diploma in IT (Pass with Distinction):

East Berkshire College

Personal Interests

Golf ::: Squash ::: Football ::: Film & TV ::: Fiction