

Dec Kolakowski

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ABOUT

I am a software and platform engineer with experience in messaging and platform ingress at an enterprise scale. I build platform tools serving thousands of engineers at a large fortune 500 company with a focus on Kafka, AWS and data distribution for microservices. I am a maintainer and contributor to the AsyncAPI open source project and have worked on a number of other open source tools helping to bring event driven architectures to the wider engineering community.

EXPERIENCE

Software Engineer (2020 - present)

Just Eat Takeaway

Platform engineer role responsible for designing, implementing and maintaining tools for organisational integration especially messaging and data.

- Implemented and architected a suite of engineer facing tools to facilitate a declarative, document driven, messaging platform integrating disparate businesses across four continents.
- Implemented tooling for automation of data distribution through projections for a microservices architecture.
- Provided support and tools engineering for an API gateway serving billions of requests monthly.

Makers Academy (2020)

Student at Makers Academy, one of the UK's most competitive and successful software engineering bootcamps.

- Fullstack web engineering
- Test driven development
- Ruby, JavaScript, Python

OPEN SOURCE CONTRIBUTIONS

[AsyncAPI Bindings Specifications](#)

AsyncAPI bindings provide an open standard for specifying infrastructural concerns for messaging APIs.

Contributions include:

- Helping to agree a binding standard for SNS and SQS messaging protocols concluding two years of open discussion.
- Fully realising standard schemas.
- Ongoing maintenance of the standard in response to infrastructure changes.

[Eventcatalog](#)

Eventcatalog is a project which provides a documentation and visualisation platform for event driven architectures.

Contributions include:

- Implemented a tagging system for providing robust badge systems for events sorting.
- Created an adaptor for robustly translating AsyncAPI documents into Eventcatalog format to provide interop between the two projects.
- Providing ongoing community support to fellow engineers using Eventcatalog.

[AsyncAPI.NET](#)

AsyncAPI.NET provides a fully featured .NET library for reading and configuring AsyncAPI documents.

Contributions include:

- Created binding library models for SNS, SQS and Kafka.
- Drove feature creation for unstructured deserialisation, custom bindings and expanded \$ref reading.

SKILLS

Engineering: DevOps, EDAs, Tools design, Projections, Microservices, TDD

Messaging: Kafka, KSQL, EDAs, SNS/SQS, Confluent cloud, Kafka Connect

Cloud: AWS, Terraform/Pulumi

Programming: .NET, Rust, Javascript, Python