

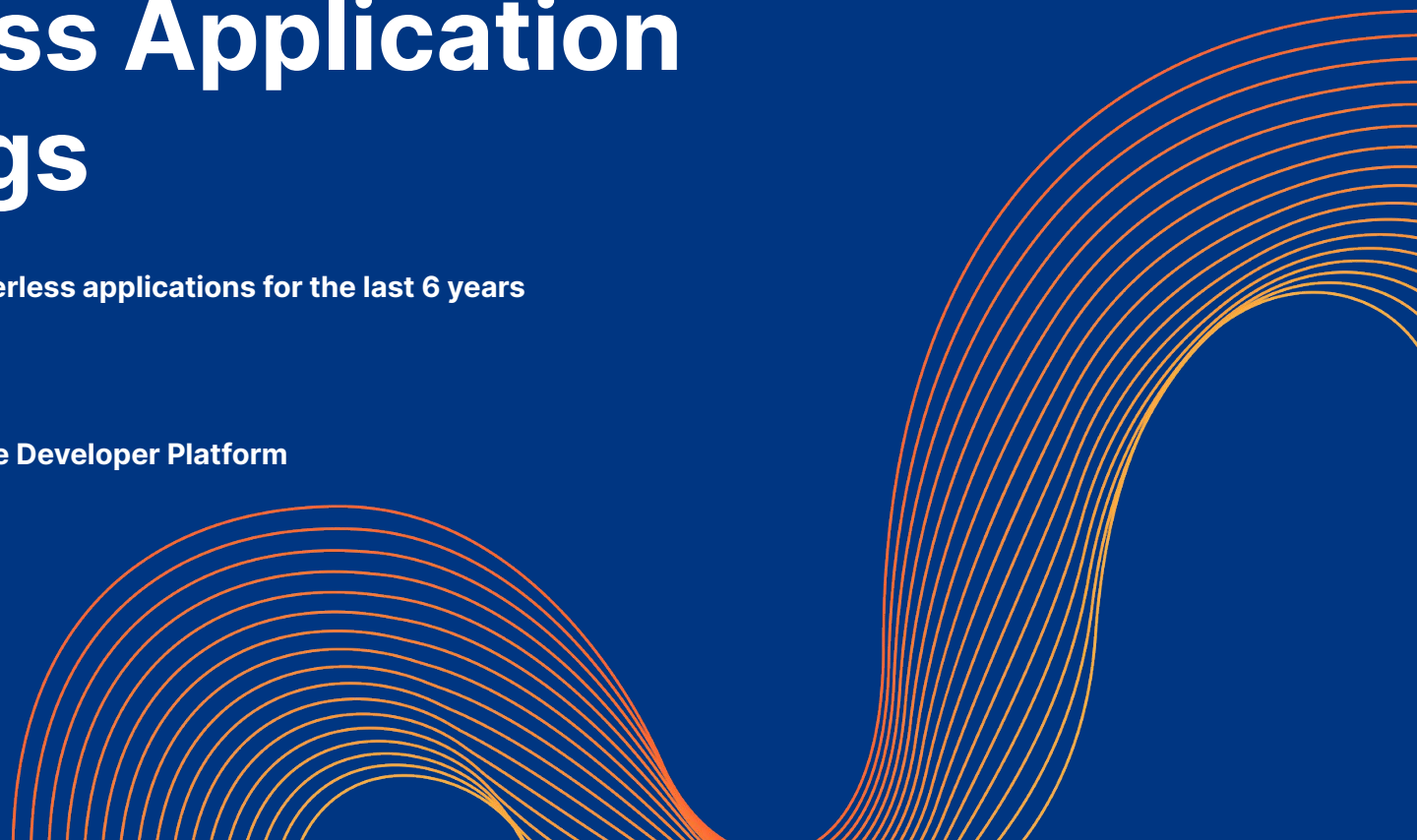
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Serverless Application Ramblings

Looking back at building serverless applications for the last 6 years

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What is Serverless?



Definition*

- **Run code in response to an event**
- **Billed per invocation**
- **Scales for zero to any load seamlessly and instantly**

*) My definition..

Anatomy of an execution

- **Parse & validate event**
- **Enrich (optional)**
- **Decide**
- **Save or send**

Not FaaS, but BSaaS

- **It is not about functions, but interconnections.**
- **Think neurons vs brain**
- **We have great ways to share functions..**

Software Implications



Architecture

- **Event-driven**
- **Nano-services**

Development

- **Add features by adding code.**
- **Add replacement instead of updating code.**

Testing

- **No more unit tests!**
- **Test in production instead.**

Operations

- **Go back to bed after being paged.**

Financial Benefits



Lower Cost

- Lower cloud spend is nice..
- But it is all about freeing up the

Predictable & Scalable COGS

- Spend scales at most linearly with revenue.
- Gives immense pricing power.

Future



Serverless is not the end

- **Merging Serverless and SaaS.**
- **Rise of the BaaS.**

Thanks!

