

## ***ABSTRACT***

### ***BUILDING KUDAKI.ID SYSTEM USING MICROSERVICE AND EVENT DRIVEN ARCHITECTURE***

*by*

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*The development of applications in the digital era is growing very rapidly, at first applications only in the form of simple software that can process input to output into a complex system that has many features to support complex business processes. The problem of how to build applications starts when applications that can initially be built using a simple monolith architecture that only support a few features to be developed, the codebase that used to be a little pile of too many code files, this problem requires an architecture to support the complexity of the application. The writer propose the implementation of microservices and event driven architecture, this research focuses on the application of microservices and event driven architecture to build applications that can adapt to increasing complexity. By implementing microservices and event driven architecture, Kudaki.id system could handle 2,200 request with 2,200 concurrency.*

*Keywords: microservices, event driven, stream*