

# Certificate of Graduation



Hosted by  
**HACKTIV8 Indonesia**

**Riza Fahmi**  
Co-Founder & Chief  
Evangelist of HACKTIV8

This Certificate is Proudly Presented to

**Rafly Ade Kusuma**

For successfully completing the program  
**Back End Golang Night Bootcamp**

With Predicate **Participants**

Issued on **05 Dec 2025**



## Back End Golang Night Bootcamp

PREDICATE	FINAL SCORE	LEVEL OF COMPETENCIES
Teacher's Award	>=95%	<ol style="list-style-type: none"><li><b>Successfully develops microservices</b> using Golang and <b>gRPC</b>, efficiently implemented on the <b>Echo framework</b>, with a focus on connection pooling and dependency injection.</li><li><b>Proficients in implementing</b> caching with <b>Redis</b> and service-to-service communication using the pub-sub pattern through <b>RabbitMQ</b>.</li><li><b>Successfully deploys</b> applications on <b>GCP</b> and optimize service performance through the integration of <b>microservices</b> components.</li></ol>
Honors	90 - 94.9%	<ol style="list-style-type: none"><li><b>Successfully develops microservices</b> with the <b>Echo framework</b>, including inter-service communication using <b>gRPC</b> and implementation of <b>3rd Party APIs</b>.</li><li><b>Builds</b> applications on <b>GCP</b> and manage inter-service communication using <b>RabbitMQ</b>.</li><li><b>Understands</b> the <b>fundamentals</b> of caching with <b>Redis</b> to enhance service performance.</li></ol>
Graduates	80 - 89.9%	<ol style="list-style-type: none"><li><b>Implements</b> microservice concepts, understands REST APIs, and uses gRPC to enable smooth communication between services.</li><li><b>Implements</b> caching with <b>Redis</b> for application efficiency.</li><li><b>Successfully creates</b> standard applications on <b>GCP</b> with standard configuration.</li></ol>
Participants	70 - 79.9%	<ol style="list-style-type: none"><li><b>Understands</b> foundational knowledge of <b>microservices</b> and related components, including Golang and the <b>Echo framework</b>.</li><li><b>Understands</b> standard deployments with foundational pub-sub concepts using <b>RabbitMQ</b> and simple caching with <b>Redis</b>.</li></ol>

*This scoring system reflects the comprehensive Back-End Golang Program curriculum, covering essential to advanced skills in microservice development and deployment on cloud platforms. A score of 80% and above demonstrates proficiency in building professional-grade back-end applications, including effective microservice architecture and deployment practices. The assessment evaluates practical implementation of microservices, integration of caching and message queue services, and optimized cloud deployments.*