



Certificate

No. 22351/114/BDG/P-SNBR/CODE/2021

This is to certify that

M Fajrul Haqqi

has mastered

Backend Microservices with Python

on April 26th - May 28th, 2021 provided by Sanbercode.

Bandung, May 2021

Sanbercode CEO



 **sanbercode**

Khairun Rizki

Skill Report

Name : M Fajrul Haqqi
Course : Backend Microservices with Python

Technical Skills

Topic	Sub Topic
Basic Python	<ul style="list-style-type: none">• Variable & Data Type• List, Tuple, Set, & Dictionary• Iteration & Conditional• Class & Method• Input & Error Handling
Basic SQL	<ul style="list-style-type: none">• Basic SQL Query• MySQL & Python• Make ER Diagram• Object Relation Mapping with SQLAlchemy
Basic NoSQL	<ul style="list-style-type: none">• Basic MongoDB• MongoDB - Python with PyMongo• Object Document Mapping with MongoEngine
Basic Microservice & RESTful API	<ul style="list-style-type: none">• Basic Microservice Architecture• Building RESTful API with FLASK - MySQL• Building RESTful API with FASTAPI - MongoDB• Connect FLASK - MySQL & FASTAPI - MongoDB service• App Versioning via GIT• Authentication with JWT