

## BAB III

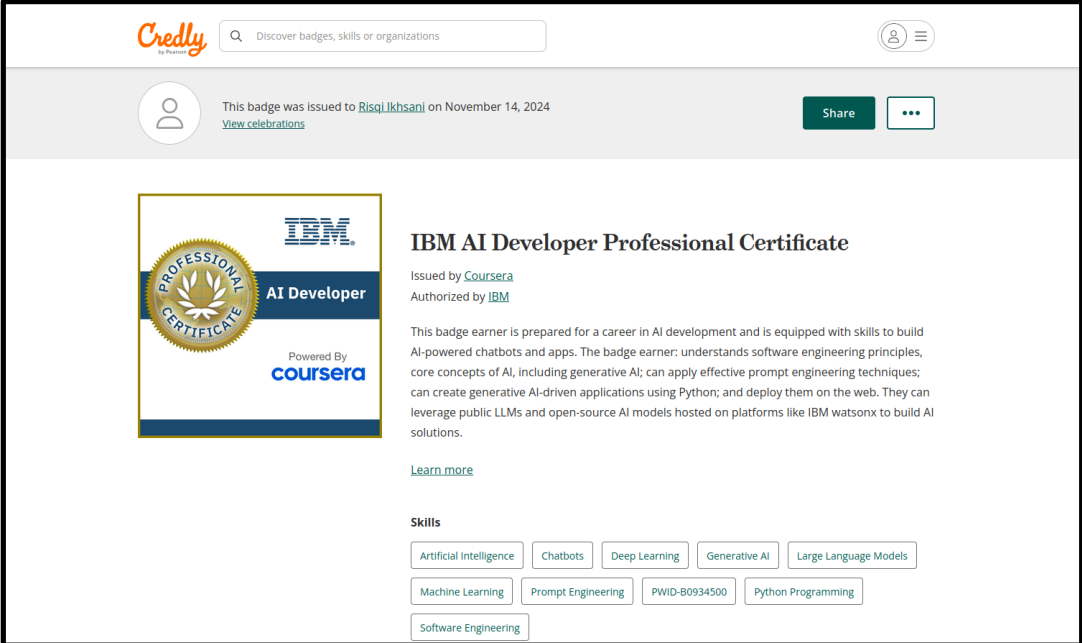
# KESIMPULAN

Manfaat yang didapatkan dari pengambilan sertifiat IBM AI Developer yaitu:

- 1) Student dapat memahami proses cara pembuatan AI chatbot LLM sederhana menggunakan Python.
- 2) Student dapat memahami proses cara pembuatan web development sederhana menggunakan Python.
- 3) Student dapat memahami penerapan AI pada web development.
- 4) Student dapat memahami pekerjaan Software Engineer dan AI Developer.
- 5) Student dapat memahami arti, makna, fungsi Generative AI
- 6) Student dapat membuat aplikasi LLM RAG sederhana.
- 7) Student dapat membuat aplikasi Generative AI sederhana

# LAMPIRAN LAMPIRAN SERTIFIKAT DAN NILAI

## a. Sertifikat profesional



The screenshot shows a Credly badge page for the IBM AI Developer Professional Certificate. At the top, there is a search bar with the text "Discover badges, skills or organizations" and a user profile icon. Below the search bar, a notification states "This badge was issued to Risqi Likhiani on November 14, 2024" with a "View celebrations" link and a "Share" button. The main content area features the badge image on the left, which includes the IBM logo, the text "AI Developer", and "Powered By coursera". To the right of the badge, the title "IBM AI Developer Professional Certificate" is displayed, followed by "Issued by Coursera" and "Authorized by IBM". A detailed description of the badge's requirements is provided, mentioning skills in AI development, chatbots, and LLMs. Below the description is a "Learn more" link. At the bottom, a "Skills" section lists various competencies in a grid format.

**IBM AI Developer Professional Certificate**

Issued by [Coursera](#)  
Authorized by [IBM](#)

This badge earner is prepared for a career in AI development and is equipped with skills to build AI-powered chatbots and apps. The badge earner: understands software engineering principles; core concepts of AI, including generative AI; can apply effective prompt engineering techniques; can create generative AI-driven applications using Python; and deploy them on the web. They can leverage public LLMs and open-source AI models hosted on platforms like IBM watsonx to build AI solutions.

[Learn more](#)

**Skills**

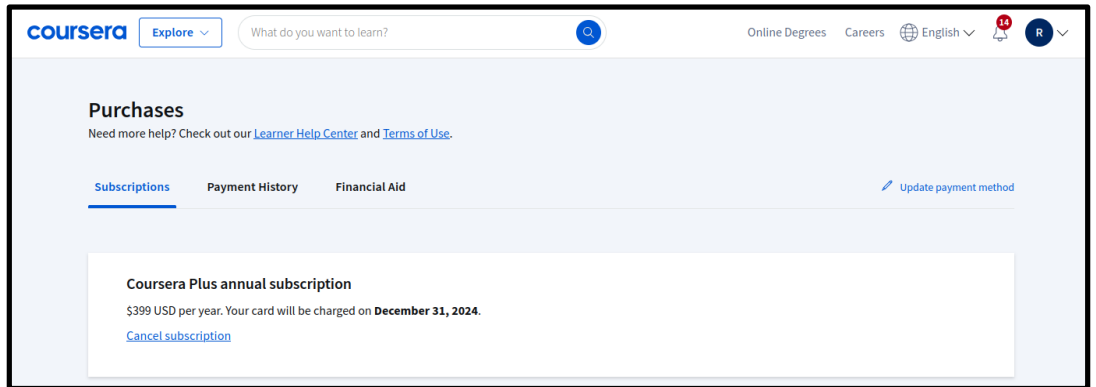
- Artificial Intelligence
- Chatbots
- Deep Learning
- Generative AI
- Large Language Models
- Machine Learning
- Prompt Engineering
- PWID-B0934500
- Python Programming
- Software Engineering

Lampiran 1. Sertifikat Profesional IBM AI Developer



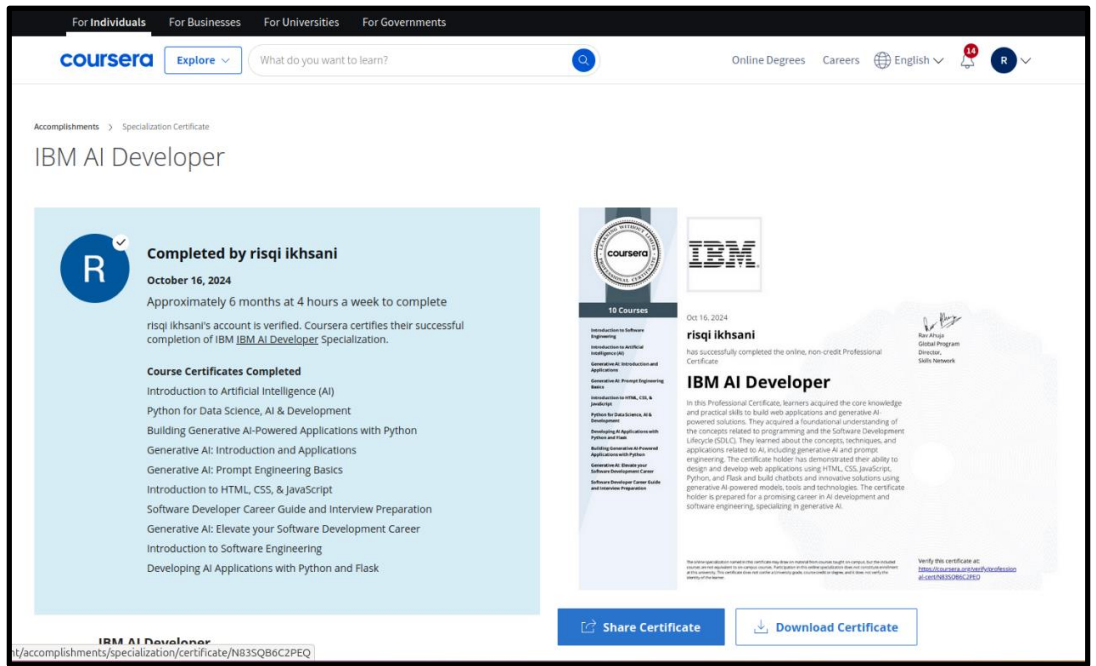
Lampiran 2. Sertifikat Professional IBM AI Developer Coursera

## b. Bukti pendaftaran



Lampiran 3. Bukti Pendaftaran

c. Bukti - bukti lain nya.



Lampiran 4. bukti nilai tiap module



Lampiran 5. Bukti nilai tiap module

## Python for Data Science, AI & Development

IBM

Taught by: Joseph Santarcangelo

Completed by: risqi ikhsani by October 16, 2024

5 weeks of study, 3-6 hours per week

Grade Achieved: 93.25%

[View this certificate >](#)

*Lampiran 6. Bukti nilai tiap module*

## Building Generative AI-Powered Applications with Python

IBM

Taught by: IBM Skills Network Team & Sina Nazeri

Completed by: risqi ikhsani by October 15, 2024

6 weeks of study, 1-2 hours/week

Grade Achieved: 100%

[View this certificate >](#)

*Lampiran 7. Bukti nilai tiap module*

## Generative AI: Introduction and Applications

IBM

Taught by: Rav Ahuja

Completed by: risqi ikhsani by October 10, 2024

3 weeks of study, 1-2 hours/week

Grade Achieved: 93.75%

[View this certificate >](#)

*Lampiran 8. Bukti nilai tiap module*

## Generative AI: Prompt Engineering Basics

IBM

Taught by: Antonio Cangiano & Rav Ahuja

Completed by: risqi ikhsani by October 10, 2024

3 weeks of study, 1-2 hours/week

Grade Achieved: 93.75%

[View this certificate >](#)

## Introduction to HTML, CSS, & JavaScript

IBM

Taught by: Michelle Saltoun & Upkar Lidder

Completed by: risqi ikhsani by September 5, 2024

Grade Achieved: 91.78%

[View this certificate >](#)

## Software Developer Career Guide and Interview Preparation

IBM

Taught by: IBM Skills Network Team

Completed by: risqi ikhsani by October 16, 2024

3 weeks of study, 1-2 hours/week

Grade Achieved: 81.72%

[View this certificate >](#)

*Lampiran 9. Bukti nilai tiap module*