



## CERTIFICATE OF COMPLETION

This is awarded to

**Desmond Mariwa**

For completing a 12 Month ALX Software Engineering Programme with a specialization in Back-end.

A stylized, handwritten signature in white ink, likely belonging to Fred Swaniker.

**FRED SWANIKER**  
Founder & CEO, AL Group

A stylized, handwritten signature in white ink, likely belonging to Julien Barbier.

**JULIEN BARBIER**  
Chief Product Officer, ALX



**Date of Issue:** 15th November 2024

**Program completion date:** 5th November 2024

POWERED BY **Holberton Inc**

Scan the qr code or visit <https://intranet.alxswe.com/certificates/Jf2C6RM53Z> to validate the certificate