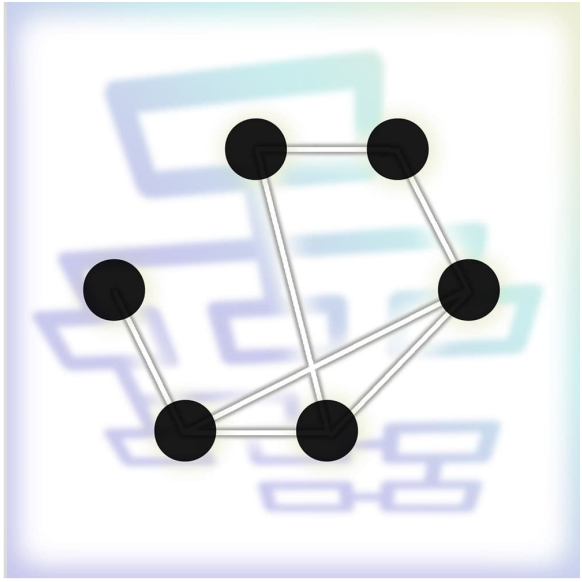
Frontend Masters

CERTIFICATE OF COMPLETION

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Ricardo Amaral

has successfully completed



Tree and Graph Data Structures

4 hours, 13 minutes



Bianca Gandolfo
Teacher
Frontend Masters

Marc Grabanski
CEO Frontend Masters

Completed: May 6, 2026