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Issued **September 3, 2022**

This certifies that

Gabriel Ribeiro

has successfully completed the freeCodeCamp.org

Back End Development and APIs

Developer Certification, representing approximately 300 hours of coursework.

Quincy Larson

Executive Director, freeCodeCamp.org

Verify this certification at https://freecodecamp.org/certification/Gahbr/back-end-development-and-apis

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As part of this certification, Gabriel Ribeiro built the following projects and got all automated test suites to pass:

- **Timestamp Microservice**: solution, source
- **Request Header Parser Microservice**: solution
- **URL Shortener Microservice**: solution, source
- **Exercise Tracker**: solution, source
- **File Metadata Microservice**: solution, source

If you suspect that any of these projects violate the academic honesty policy, please report this to our team.