



CODE TEST

BACKEND DEVELOPER



ENCOURAGEMENT

Hey **Rockstar**,

Congrats for reaching this point in our hiring process.

Our COO & Co-Founder **Kumail Amiruddin** thinks you fit the skill set we are looking for. He also thinks that you are a **cool** person and that makes everyone one of us here at **Antarctica** excited to know you.

We have been clear with you so far. We aim at **changing the world** for the better.

You know our **motto**. That we don't think, **we care**. That we don't act, **we dare**. That we work to live and live to love what we do for our clients, our employees, our families and ultimately, the **penguins**.

Our team is made out of **amazingly talented people** who have shown the most **impressive commitment** to our mission. This is what we expect from you and for us to make sure you can attain such standards, we want to **test your skills** before taking this discussion any further.

We expect you to follow the guidelines that we've set for this test in the time frame that we've given you. There won't any favor nor any compromises on this, just like we don't allow ourselves to fail for our clients. We are building an incredible team of developers and **if you wish to be a part of it**, to **learn along with us**, you will **prove yourself, right now**.

You can do this, **Rockstar**. We, the penguins and I, count on you.



With care, trust and shanti,

Mathieu François
CEO @ Antarctica Global



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TEST GUIDELINES

Your Task - Create a Restful API for Registration, Login & a getUserList

Registration

Register a user with First Name, Last Name, Email ID, Password, a unique employeeID and Organization Name.

Login

The user must use their Email ID and Password to login.

UserList

Get all list of users with following criteria:

1. Search using First Name, Last Name and employeeID
2. Sort data by First Name, Last Name, Email ID, employeeID and Organization Name
3. Add pagination to your API to filter the records

It's **mandatory** to:

1. Use a proper **authentication mechanism** for securing userList endpoint.
2. Create **Two (2) Tables/Collections** for users and employees if you wish to use a Relational (MySQL) or Non-Relational database like MongoDB.
3. You are free to use any framework and any DB of your choice. (We'd prefer if you use a **Relational DB**)
4. Use of **GraphQL** will be an added advantage

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- * Please submit code as a **zip file** and use **GIT** or any other **version control** tool.
- * Also include a **readme file** to explain your folder structure, design, other decisions etc.
- * Host your entire **application** on **Heroku** or some other such platform for us to be able to access it.
- * **Send** in your completed projects on this **same email thread**.



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You can do this. Good luck!



1

Send us your
resume by email



2

Motivation Interview
with our team

</> 15 mins </>



3

CODE TEST

</> 4 days </>



4

Technical Interview with
our Solutions Architect

</> 30 mins </>



5

Final Interview with the
Company Founders!

</> 45 mins</>

Any questions?
recruitment@antarcticaglobal.com



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