

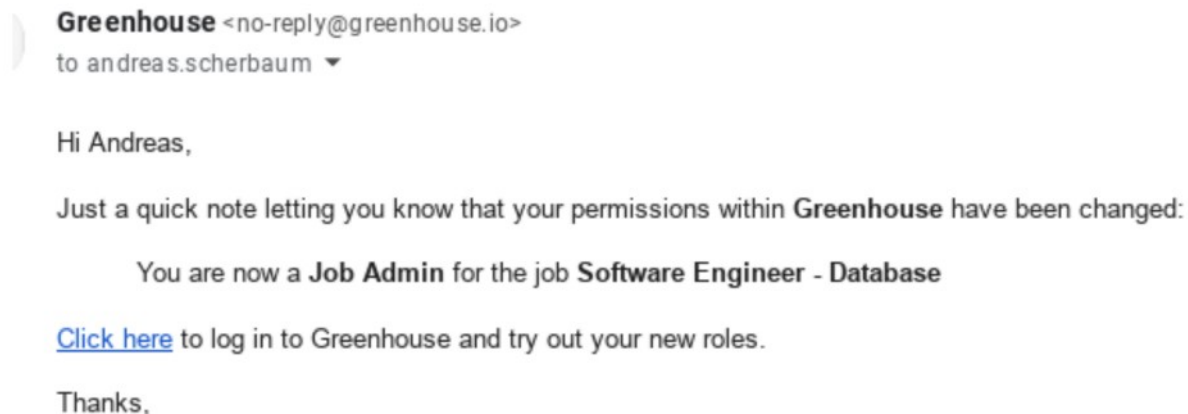
# How not to submit for a PostgreSQL job

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# But ... why?

- Head of Databases @ Adjust GmbH
- “Hiring Manager”
  - All your applications ~~belong to me~~ go into my queue
  - 79 applications in “Hiring Manager Review”, so far in 2022



# Bad examples

# This is a PostgreSQL job, Sir!

## CERTIFICATES

Oracle Exadata On-Premise 2022 Sales Specialist

Oracle Exadata On-Premise 2022 Solutions Engineer Specialist

Oracle ZFS Storage Appliance ZS7-2 Sales Specialist

Oracle ZFS Storage Appliance ZS7-2 Solution Engineer Specialist

# Again, this is a PostgreSQL job ...

## **OBJECTIVE**

Looking for a challenging career, always on a look out for a positive & bigger outlook to contribute effectively to the team on the challenging projects involving extensive use of Oracle Database technology for the development of the firm.

# POSTGRES SQL

## SKILL SET

SQL | POSTGRES SQL | High Availability (HA) | Data and Analytics Architecture | Data Backup and Retrieval  
| Product Development | PowerShell Shell Scripting | AWS | Database Administration | Quality Assurance |  
Client Need Analysis | Technical Integration | Data Replication | Database Security|

# PostGres

**Address**

**Contact**

**Date of Birth**

**EXPERIENCE**  
05.2019 - present

**Database and Storage Administration Engineer**

- Ensure the daily monitoring of the databases of the homogeneous, dev and prod environments.
- Implement solutions for monitoring TBS saturations on the environments (development of an alerting script).
- Ensure the backup and restoration of schemas (parallel and serial export and import: imp and impdp) on demand.
- Preparation of prerequisites and installation of binaries for the different Oracle Server and Client versions (Oracle 12c, Oracle 11g, 10g, 9i and 11g) on AIX and LINUX environments.
- Configure Oracle files of Oracle 12c users on AIX and DB environments.
- Develop a script for backup and archiving of historical tables.
- Restore and backup environments via RMAN.
- Set up reduced anonymized databases based on samples as required.
- Migrate databases from Oracle 11g to Oracle 12c.
- Configure Oracle config files.
- Implement procedures for sending alerts to employees in case of password expiration.
- Install patches on DB environments.
- Create and manipulate DB link from an environment pointing to other environments.
- Good knowledge in performance tuning, query optimization, ADRM, log tuning, advisor and AWR.
- Skilled in using advanced Oracle tools export/import users (log or parallel), rman backup/restore.
- Provide solutions for data issues/triggers/constraints, data archival and purge requirements.
- Good experience in progress.

**IT Developer**

Development of a desktop application designed to manage products, invoices, customers, suppliers and the management of invoices and orders using Magento API.

**Database and Storage Administration Engineer**

**LinkedIn**

**EDUCATION**

National Diploma of Engineering in Software Engineering

**Academic projects:**

- Android application
- Java application
- PHP, HTML, CSS, JavaScript website
- .Net application

MPI Preparatory School (Mathematics, Physics and Computer Science)

Bachelor's degree in Mathematics

**LANGUAGES**

English

**SKILLS**

Good communication - written and oral skills  
Excellent conceptual and analytical skills  
Effective interpersonal skills

**SOFTWARE SKILLS**

Database: MySQL, PostGres, Oracle

OS: Windows, AIX, LINUX

Web: PHP, HTML, CSS, JS, AngularJS

Symfony, Jquery

Language: Java, C, C++, C#, .Net

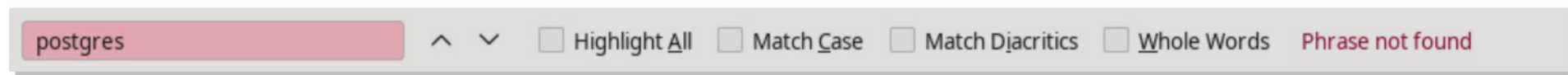
**PERSONALITY**



## SOFTWARE SKILLS

Database: MySQL, PostGres, Oracle

# Error 404: Postgres not found (in CV)





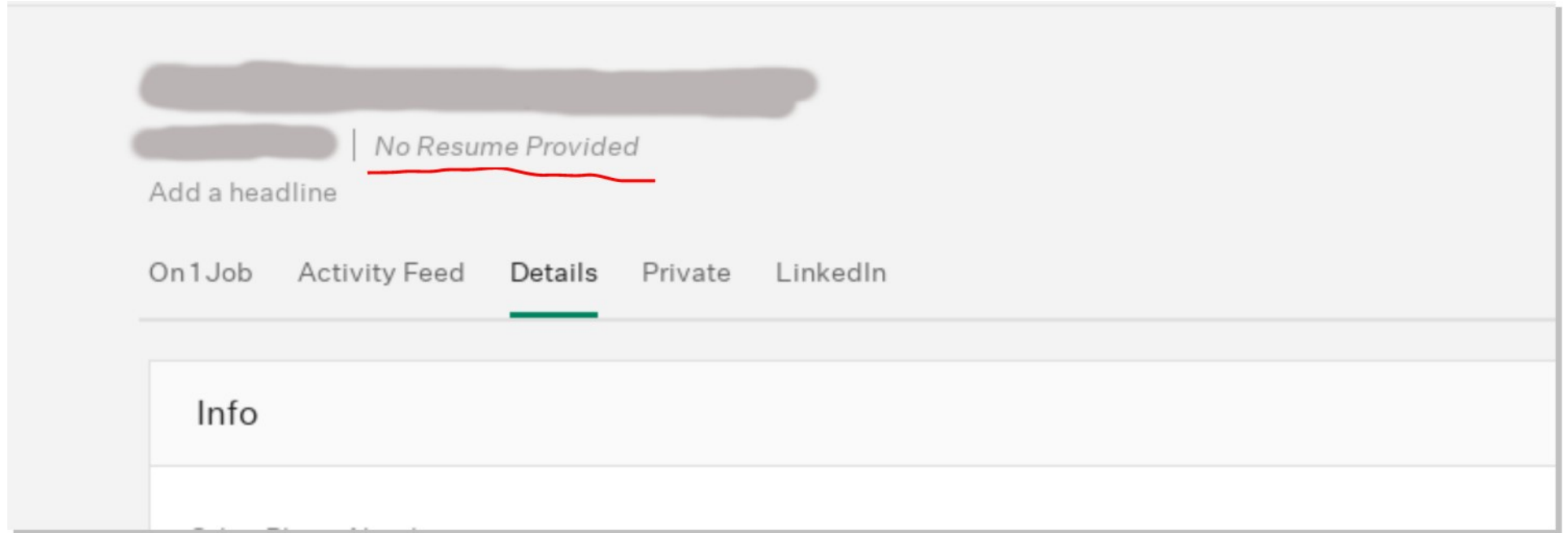
# Different life goals

Bet Platform PostgreSQL Oracle Migration Project

- Main login system forwarded from PostgreSQL to Oracle 19gR2 with external table.

- Only PostgreSQL experience/project in CV

# What CV?



# You want to hire me?

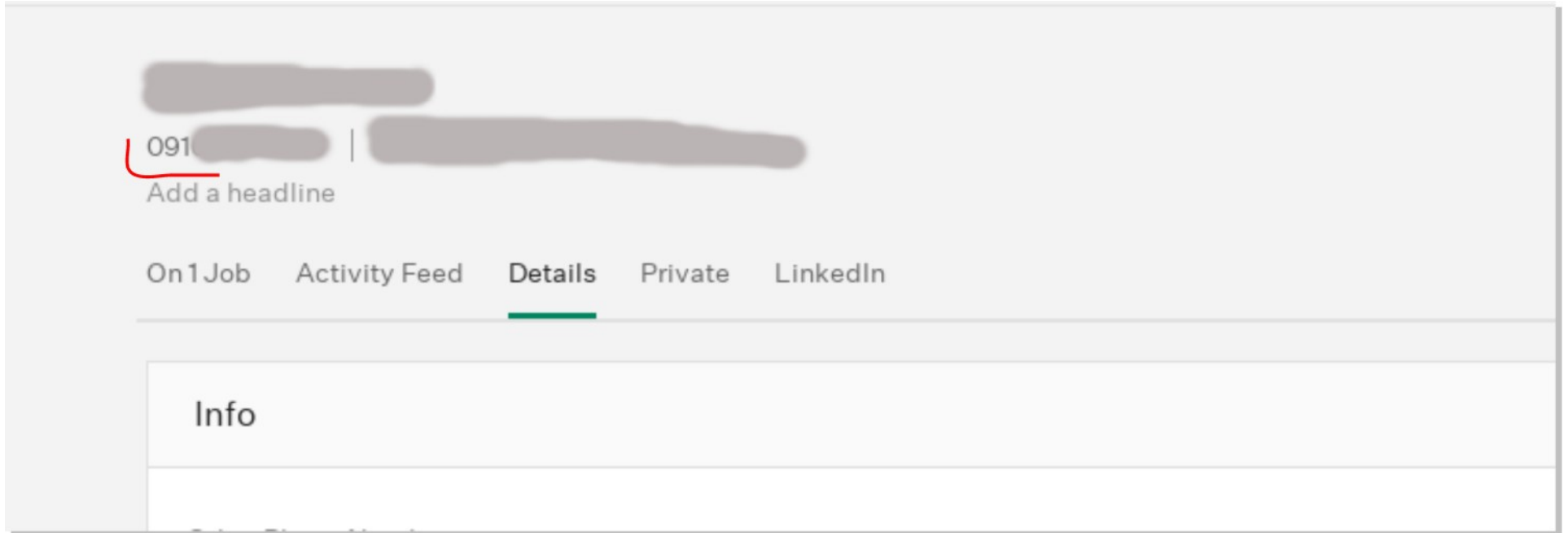
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Experience

- Technical Project Manager at [REDACTED] - We are hiring!  
03/2019 - Present

- Sneaky 101: add your job into our job pipeline

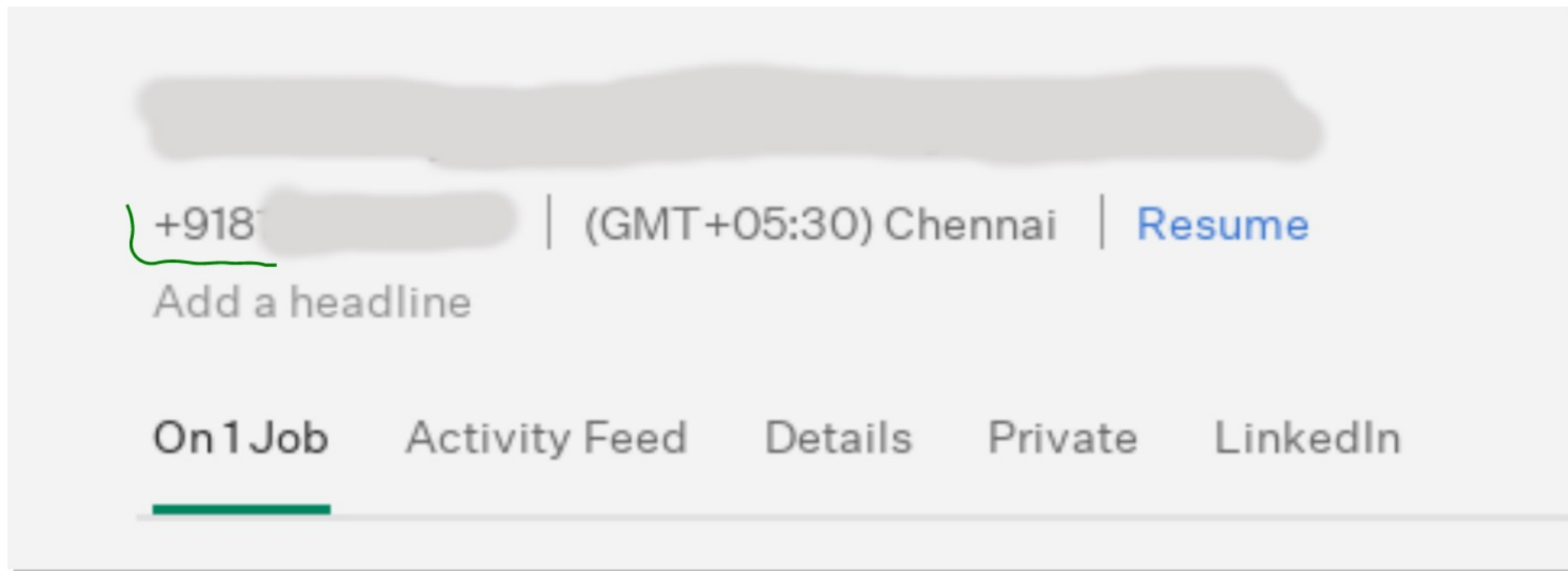
# Sloppy examples

# We are not in the same country



- Don't make me guess how to reach you

# Good example



# Take-home test not working

```
CREATE TABLE table1(val Varchar); INSERT into table1(val) VALUES(5); INSERT into table1(val) VALUES(3);  
INSERT into table1(val) VALUES(6); INSERT into table1(val) VALUES(7); INSERT into table1(val) VALUES(9);  
INSERT into table1(val) VALUES(10); INSERT into table1(val) VALUES(7); SELECT CONCAT(MIN(val), "-->",  
MAX(val)) AS min_to_max FROM table1;
```

```
th=# CREATE TABLE table1(val Varchar); INSERT into table1(val) VALUES(5); INSERT into table1(val) VALUES(3); INSERT into table1(v  
al) VALUES(6); INSERT into table1(val) VALUES(7); INSERT into table1(val) VALUES(9); INSERT into table1(val) VALUES(10); INSERT i  
nto table1(val) VALUES(7); SELECT CONCAT(MIN(val), "-->", MAX(val)) AS min_to_max FROM table1;  
CREATE TABLE  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
INSERT 0 1  
ERROR: column "-->" does not exist  
LINE 1: SELECT CONCAT(MIN(val), "-->", MAX(val)) AS min_to_max FROM ...  
^
```

But ... how?



# What is HR looking for?

- “sane” profile
- “postgre” (yes, I told them)
- Countries where we are hiring

# What am I looking at?

- Your Tech Stack - obviously
- PostgreSQL experience
  - If you don't have it, explain why we should hire you
- Overall experience
  - Looking for senior candidates, but sometimes hire Juniors
- Correct product names
  - Did you spend some time proof-reading your CV?
- GitHub or GitLab, blogs, your name on PostgreSQL mailing lists
- Does your take-home test work?

# What am I ignoring?

- References – can't check them
- Breaks in your CV – that's your thing
- If/what you studied
- Where you are from
  - Beyond what HR says where we can hire

# Red/rellow Flags

- *“Experience with Excel, MySQL, MsSQL, Xml,Json, csv. Files.”*
- *“Oracle, MySQL, MariaDB, PostgreSQL and Postgres database Server installation”*
- Empty GitHub or GitLab
  - Send a GitHub link for take home test, upload a tar.gz there
- Postgre
- Mention PostgreSQL only once, in the last CV part
- *“Hard Skills: SQL, PostgreSQL (PL/pgSQL), Oracle(PL/SQL), SQL Server(T-SQ)[sic]”*
  - Message from recruiter: *“No specific experience on Postgres!!!”*
- Backups with pg\_dump/pg\_restore
- Don't mention any database product at all

Happy Job Hunting!