

# Krzysztof Lewandowski

Warsaw, Poland

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## Education

Warsaw University of Technology

Master of Science in Computer Science

Oct 2013 – Feb 2015 | Warsaw, Poland

Warsaw University of Technology

Bachelor of Engineering in Computer Science

Oct 2009 – Jun 2013 | Warsaw, Poland

## Work Experience

Senior Database Administrator (PostgreSQL) | Allegro | Mar 2018 - Present | Warsaw, Poland

- Managed large-scale PostgreSQL clusters (>100 instances) ensuring high availability, performance, and security.
- Implemented and maintained backup/recovery strategies (pg\_basebackup, Barman) and replication setups (Streaming Replication, Logical Replication).
- Performed database performance tuning (query optimization, indexing, configuration tuning) using tools like pgAnalyze, pgBadger.
- Automated routine DBA tasks using Ansible and Python.
- Managed PostgreSQL on AWS RDS and self-hosted environments.

Database Administrator | Comarch | Jul 2015 - Feb 2018 | Krakow, Poland

- Administered PostgreSQL and Oracle databases.
- Handled database installations, upgrades, and patching.

## Skills

Databases: PostgreSQL (Advanced: v9.6-v16), Oracle (Intermediate), MySQL (Basic)

Database Administration: Installation, Configuration, Performance Tuning, Query Optimization, Indexing, Backup & Recovery (pg\_basebackup, pgBackRest, Barman), High Availability (Streaming Replication, Patroni, Pgpool-II), Monitoring (Prometheus, Grafana, Zabbix, pgBadger), Security Management, Upgrades & Patching, Logical

## Replication

Tools: psql, pgAdmin, Ansible, Python, Bash, Git

Cloud Platforms: AWS (RDS, EC2), Azure (Azure Database for PostgreSQL - Basic)

Operating Systems: Linux (Debian/Ubuntu, RHEL/CentOS)

SQL & Scripting: Advanced SQL, PL/pgSQL, Shell Scripting

## Certificates

EDB Certified PostgreSQL 12 Associate

AWS Certified Database – Specialty (In Progress)

## Awards

Allegro Tech Star Award (Team Contribution) 2020