

# Jakob Novak

Prague, Czech Republic

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## Education

Czech Technical University in Prague

Master of Science in Information Systems

Sep 2019 – Jun 2021 | Prague, Czech Republic

GPA: 1.3/1.0 (A equivalent)

Activities: Oracle User Group Lead, Database Society President, Peer Tutor

Relevant Coursework: Database Administration, Data Warehousing, SQL Optimization, NoSQL Systems, Backup & Recovery

Summer School: University of Edinburgh 2020 (GPA: 4.5/5.0)

## Work Experience

Database Administrator | Avast Software | Jul 2021 - Present | Prague, Czech Republic

- Managed Oracle, MySQL, and PostgreSQL databases, ensuring 99.99% uptime.
- Automated backup and recovery scripts using Python, reducing RTO by 40%.
- Tuned query performance, decreasing average execution time by 25%.

## Skills

Databases: Oracle, MySQL, PostgreSQL, MongoDB

Tools: Ansible, Puppet, Backup Exec

Languages: SQL, PL/SQL, Python

Other Skills: High Availability, Disaster Recovery, Performance Tuning

## Certificates

Oracle Certified Professional DBA

Microsoft Certified: Azure Database Administrator

Udemy: PostgreSQL for Everybody

## Awards

Avast Excellence Award 2023

CTU Rector's Scholarship

First Place – Czech Data Olympiad 2020