

Shiva Kumar KARISIDDAPPA

Australian PR. Looking for opportunities in DevOps, DBA and Cloud technologies.

Summary

Professional with 18 years of experience across a broad range of DevOps & Database Administration activities. Started a career as Ingres DBA / System Administration, grew as Oracle DBA, expanded onto NoSQL database and Cloud & Big data expertise across Financial Services, e-Government & Smart-Governance - Safe City & Smart City, IOT and Telecom domains.

Skills: Oracle, Postgres, Orient DB, MySQL, MongoDB, Ingres

Secondary Skills: Unix/Linux & SQL Server, Ansible, Jenkins, JIRA, Docker Containers, Hadoop Administration (Cloudera)

Cloud: Azure, AWS

Roles: DevOps Engineer, Database Administration, Application DBA, Testing Database Products, Designing, Performance Tuning, Database Security, Training

Global work experience: Australia, Singapore, India, USA, and France

Experience

DevOps Engineer at Pronto Woven

October 2017 - Present

Role: DevOps Engineer

Environment: AWS, MySQL, PostgreSQL, MongoDB, Ansible, Docker Containers, Jenkins, Jira, Ruby on Rails

Client: Small & Medium Segment Companies

Domain: ERP / E-commerce

- Supporting the DB & Application infrastructure on AWS and In-house Cloud
- Maintain and improve existing server automation and configuration
- Deploy infrastructure changes to testing and production environments
- Configuring and supporting all the automated tools across all stages of the development pipeline including Integration, Test, Staging and Production environments.

Lead DBA / DB Architect at NCS Group

May 2016 - October 2017 (1 year 6 months)

- Co-ordination in Design, Development & Testing of IntelliSURF on MySQL, PostgreSQL, MongoDB & Orient DB for Smart & Safe City Centre of Excellence at NCS

- Evaluation of the NoSQL Databases & RDBMS and Big Data Technologies
- Migration from MySQL & MongoDB to PostgreSQL
- Design & deployment of backup and replication scenarios
- Preparing PowerShell scripts for backup/recovery and DBA activities
- Training the Application team on Database and Security best practices
- Troubleshooting & Tuning the Application Related issues
- Preparation of Installation Guides and Documentation of the best practices & guidelines
- Hardening of Databases to increase security of the application on MongoDB
- Proof-of-concept setup of Tableau

Senior Database Administrator / Architect at Gemalto

April 2014 - May 2016 (2 years 2 months)

- Provide database administration support for Oracle, MySQL, MongoDB & MS-SQL Server
- Tuning and Profiling, Data Management, Access Control services & Patching
- Preparing HA solutions by replication of MongoDB
- Preparing HA solutions by replication of MySQL
- Migration from Oracle to MySQL
- Evaluating Big Data/ NoSQL/AWS for the telecom products
- Evaluating MySQL v/s PostgreSQL for the telecom products
- Managing 300M of documents of unstructured data using MongoDB & Tuning
- Developed Application Installer and Checker tools for Database Design & Security
- Conduct database design & performance reviews and resolving critical issues at customer locations
- Prepare & maintain transversal database security guidelines (used by application teams)
- Train Application team on database basics + advanced, performance tuning and golden gate concepts
- Support the maintenance and enhancement of existing MySQL databases
- Set up and maintain Oracle Golden gate

Database Administrator at DBS Bank

April 2013 - April 2014 (1 year 1 month)

- Design, implementation & support for migration/replication solution using Oracle Golden Gate
- Design, build & support of high volume, clustered Oracle environment on RAC + ASM
- Providing production escalation support for the database issues
- Part of Internal Change Control Board
- Implemented Partitioning for reporting databases and improved the house keeping
- Responsible for improvement & maintenance of the databases for rollout & upgrades
- Designed & Implemented template for capacity estimation/growth
- Setup database and performance monitoring using TIBCO Spotfire
- Prepared the best practices guide for Application developers on database optimization

- Conduct database design & performance reviews and resolving the issues
- Implementation of critical projects for MAS (Monetary Authority of Singapore)
- Database hardening as per DBS bank Standards
- Evaluating MySQL for reporting infrastructure

Database Administrator at Hewlett-Packard

June 2011 - April 2013 (1 year 11 months)

HP has enormous IT infrastructure in place with multi thousand databases running on Oracle, using advanced technology including RAC, ASM, Data Guard, RMAN and HP Service guard.

- Providing Deep Level Database Support
- Participating in day to day operations activities and contributing to continuous improvement plans in order to achieve operational efficiencies and reduce costs.
- Planning /designing the database for the various application requirements in the areas such as capacity, technology evaluation, performance environment setup & migration plans etc.
- Involved in evaluating various database engineering activities such as new version certification, patch evaluation, migration and upgrade strategy and documentation
- Mentoring the Junior DBAs, Providing technical presentation to DBA team to enable knowledge sharing and better team skill development and engagement.

Database Administrator at AGDelta

November 2010 - May 2011 (7 months)

To lead and assist in:

- Setting up of Environment for Development team to run the Application
- Performance Tuning
- Database Design for Financial Products like Structured Notes, FX Spot
- Backup/Recovery
- Advise on Technical Architecture including Hibernate, Tomcat, Exadata
- Design of Auditing of Application
- Setting up of monitoring infrastructure for production database support at KL, Malaysia
- Training the DBAs for primary support
- Driving technical, infrastructure, security and database sessions with the client.
- Providing guidance and solution to the client on all technical, infrastructure, security and database issues.
- Documenting all technical and data related requirements.
- Supervise and provide guidance to a team of technical team members in project implementation
- Providing/Setting up support to client during testing, deployment, go-live and warranty period.

Sr. DBA

August 2009 - October 2010 (1 year 3 months)

Handling responsibilities as Oracle DBA in both Production and Dev Instances coordinating with UK DBA team, Application Teams and various support teams; Environment: Oracle 9i/10g/11g, AIX, Solaris

- Providing expertise support as Oracle DBA for Production, Development and UAT environments of the bank; supporting over 4000 Databases.
- Coordinating with UK DBA team, Application Development Teams and various support teams
- Pioneer member of new Global Oracle DBA team in Singapore. Completed knowledge transition from UK to Singapore
- Setting up On Call Production Support and co-ordination between UK and Singapore teams
- Preparation of Reports to Management , Allocation of Shift & ROTA to team members
- Monitoring of Production databases and troubleshooting
- Performance monitoring and tuning
- Applying critical patch updates / version patch updates on DEV/SIT/UAT and PROD

Member Technical Staff at NetApp

February 2008 - July 2009 (1 year 6 months)

Environment: Oracle 10g/11g, AIX, Solaris, Linux, HP-UX, RMAN, RAC, ASM, OVM, dNFS; My responsibilities include:

Design & testing of Backup and Recovery product - SMO(Snap Manager for Oracle)

Installation of Oracle 9i/10g/11g databases on all Flavor of Unix/Linux

Preparation and maintenance of ERD & database design document of SMO application

Prepare the project plan, allocate resource and tracking on Microsoft Project.

Performance tuning of Production databases of clients of NetApp

Setting up of the environment to simulate problems in Production Databases of clients of NetApp and troubleshooting

Setting up of Center of Excellence like setup to test the New features in ORACLE database and publishing reports/articles

Installation and Configuration of the Backup and Recovery related products like SMO & SMSAP), which are used to backup database up to several Terabytes

Develop and present technical training materials to the sales force and partners as required

Sr. Oracle DBA at Fidelity Investments

January 2006 - February 2008 (2 years 2 months)

Environment: Oracle 11i, Oracle 8i/9i/10g, AIX, Solaris, Linux

Handling responsibilities as Apps DBA and DBA in both Production and Dev environment

- Worked at Client's Facilities in US & successfully completed knowledge transition
- Study of DBA Infrastructure and Financial Applications at Fidelity Investments, US and setting up of DBA Team in India

- Design and co-ordination in development, testing and implementation of application
- Database & Application Tuning
- Setting up On call Production Support and co-ordination between US and India teams
- Generation of schema creation scripts using Erwin and migrating to DEV & Test env.
- Monitoring of Production databases using 10g grid control
- Worked as On-call DBA on both 24X7 and 12X7 support model
- Aps DBA activities in Oracle E-Business Suite.
- Manage the Oracle E-Business Suite using Oracle Applications Manager

Sr. DBA, Systems Operations Lead Specialist at IBM

July 2005 - January 2006 (7 months)

Environment: Oracle 11i, SAP R/3, Oracle 8i/9i/10g, HP-UX, AIX, Solaris, SQL Server 2000;
Handling DBA activities on over 400 databases and 160 servers on 24X7 support running on Oracle and SAP for Celestica, one of the market leader in EMS

Supporting over 400 databases and 160 servers worldwide

Performance monitoring and tuning

Troubleshoot problems with concurrent managers, Apache and database performance

Backup and Recovery

Maintenance of Standby Databases

Applying Oracle Patches, including the new quarterly security patches.

Exposure to Large Databases up to 8 TB.

Implementation of Health-check on databases

Ability to work within formal Change Management methodologies.

Allocating storage and planning future storage requirements for the database

Sr. DBA at Hewlett Packard

December 2003 - July 2005 (1 year 8 months)

Environment: Oracle 8i, 9i, 10g, HP-UX, SAP R/3, Ingress 6.4, SQL Server 2000; Administration of Oracle databases and Monitoring SAP to ODS Loads on 24/7 support for EMEA, AMERICAS and ASIA-PACIFIC shifts.

Performance monitoring/tuning.

Implementation of Health-check on databases

Monitoring SAP to Oracle Loads

Patch Installation and upgrading the Oracle server and application tools.

Sending Initial Response to User Tickets, Investigating the root cause of the problem and solving ticket using OVSD (Open view service desk)

Migration of data from Ingress databases to SQL server databases and its archiving

Administration of Ingres databases and ensuring smooth migration for Ingress based system to SAP based application

Database Administrator, Officer-EDP

March 2000 - December 2003 (3 years 10 months)

Environment: Oracle 8i, 9i, SCO-UX, UnixWare, Ingres 2, SQL Server

Canbank Factors Limited is the Market Leader in Financial Services (Factoring) in India.

My responsibilities included:-

- Maintaining databases on Ingres & Setting up IT Infrastructure

- Troubleshooting the Financial Application Related issues
- Co-ordination in Design, Development & Testing of web enabled software
- Preparation of RFP & Managing Vendor selection for hardware & Software services
- Recommend IT Services and processes to enhance business efficiency and effectiveness
- Liaise with vendors to ensure vendors' products fulfil business requirement
- Developed additional / new reports using INGRES Reporting tool as per the requirement.
- Conducting Information System audit and review BCP plans

Education

National Centre for Software Technology

G-level, Software Technology, 1998 - 1999

Activities and Societies: currently known as CDAC. The Centre for Development of Advanced Computing, Mumbai & Bangalore (formerly known as National Centre for Software Technology) is a scientific society of the Department of Information Technology involved in Research and Development into the area of Software Technology

Bangalore Institute of Technology

B.E., Industrial Engineering & Management, 1993 - 1997

Activities and Societies: Composing Poems

Jawahar Navodaya Vidyalay

12, PCMB, 1986 - 1993

Activities and Societies: Acting, direction, Poetry

Honors and Awards

GEM-é -Trainer

Shiva Kumar KARISIDDAPPA

Australian PR. Looking for opportunities in DevOps, DBA and Cloud technologies.



[Contact Shiva Kumar on LinkedIn](#)