PRABIN NYAUPANE

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OBJECTIVE

To pursue opportunities in a competitive environment that will challenge to push my boundaries and expand my knowledge in the field of IT industry while allowing me to add value to the dynamics of the organization.

EMPLOYMENT

Associate Database Administrator **Agore** **April 2023 – Present**

. Currently on training about staffing software.
. Learning about query optimization techniques with complex store procedures.
. Understanding about UI and functionalities of staffing software (Zenople)

Database Administrator **Cloudsewa** **March 2022 – Jan 2023**

. Performed recovery and backup of database servers and distributed server backup during emergencies.
. Migrated 1000+ databases from MSSQL to PostgreSQL database.
. Configured and managed 20 plus MSSQL Database Servers of a Product based Company and Monitored System's Health and Performance.
. Scheduled Indexing and Backups (Full and Differentia) for Databases using SQL Server Management Studio on Windows Server and using Bash Script and Cronjob on Linux Server.
. Consistently utilize well-developed analytical abilities in Performance Monitoring including the identification of Input/Output, Memory Bottlenecks, Blocking and Deadlocks caused by Complex Queries using SQL Server Activity Monitor/Profiler and Dynamic Management Views (DMV).
. Restored Databases from Live to UAT for Testing and Bug Fixing as per the developer's request.
. Migrated LDF and MDF files to the different drives.
. Troubleshooting issues related to Database and Application server.
. Configured 5 plus Application Server with Environment setup and hosted build files (UI and API) provided by developers.

MSSQL, Intern **Kaashiv Infotech** **Aug 2021 - Jan 2022**

. Supported and improved database disaster recovery strategy (data backup and restoration, etc.) to ensure minimal restoration time and data loss in case of any issues.
. Automated MSSQL Jobs using SSMS.
. Created reports for system logs, status of maintenance plans system status.
. Created and managed traces and analyzed and replayed trace results using SQL Server Profiler.

Robotics, Intern **IIT Kanpur, India** **Jun 2021 - Aug 2021**

. Designed and simulated PUMA, SCARA robots using RoboAnalyzer and CProg tool.

SKILLS

. Knowledge of object-relational mapping (ORM). Good knowledge of DBMS.
. Ability to build and maintain data pipelines (ETL).
. Knowledge in writing SQL queries, procedures, functions.
. Good communication skills in English.

Languages and Technologies

- Programming Languages - C , C++, Assembly, Python (basic), SQL (Advanced)
- Operating System – Linux (Cent OS, Red Hat, Ubuntu), Windows
- Database – MSSQL, PostgreSQL, MySQL
- Frameworks and tools – Mobaxterm, RDM, SSMS, PGAdmin, DBeaver
- Others -Cloud (AWS – S3, EC2, Lambda), GitHub, VirtualBox, nginx, Apache, IIS

EDUCATION

Chennai, India	Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology	June 2018 - June 2022

- B.Tech. in Electronics and Communication Engineering. CGPA: **8.4/10**
- Main coursework: Basic and Professional Python, Embedded Systems, Digital and Analog Electronics, Digital Communication Networks, Microprocessor and Microcontroller, VLSI design

B.TECH. MAJOR PROJECT

- Design of Micro heater for gas sensor applications. Designed a micro heater and simulated it to test the average heat produced by micro heater varying different shapes and sizes using COMSOL Multiphysics.
- Design of micro strip patch antenna as sensor in minor project. Designed and simulated different types of sensors to extract the extravasation on human body using ANSYS HFSS.

ACHIEVEMENTS AND CERTIFICATIONS

- Published research paper in IEEE journal (Design of Microstrip Patch Antenna for Wearable Extravasation Detection Device for Intravenous (IV) Therapy," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2022, pp. 135-139, doi: 10.1109/ICACCS54159.2022.9785068.)
- Completed **SQL basic level** and certified by Hackerrank.
- Got SAARC scholarship for B-Tech programme.
- Chief executive member of Robotics club of my college.
- Completed 'SQL Projects for Beginners' by Great Learning.
- Completed 'Intro to Machine Learning' by Kaggle.
- Completed 'Python' by Kaggle

REFERENCES

Dr. GR Kanagachidambaresan

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