



# RAJESH R D



Portfolio <https://aerobotech.in:5112/>

Results-driven Chief Technology Officer with over 18 years of extensive expertise in technology and leadership, cloud computing, database management, and fintech applications. Adept at leading engineering teams, implementing scalable architectures, and leveraging AI/ML for financial data analysis and algorithmic trading. Passionate about innovation, security, and optimizing technology solutions to drive business growth

## Professional Experience

### CTO at AEROBOTECH PVT LTD (current position)

Comprehensive End-to-End Operations for a Range of Products Across Various Domains

This process includes the design, implementation, testing, and delivery of diverse products, such as frontend, backend, and middleware solutions. We integrate advanced technologies to manage data for analytics in sectors like Fintech, Healthtech, Edtech, security, politics, and infrastructure. Our thorough research focuses on complex financial data, security media, health-related information, and EdTech statistics. Utilizing advanced machine learning techniques, we effectively forecast outcomes. This entails sourcing data from external providers, processing it, and developing over 1,000 models, each meticulously fine-tuned to ensure accurate and comprehensive predictions.

### Database Consultant @Athena Health Services

Provided support for their production databases and transitioned a single application into two distinct applications. This involved dividing the functionalities, with some features retained in one application and the remainder in another database and application. Our primary focus was to separate the operations of the single application into these two systems, addressing dependencies and eliminating them to ensure smooth application performance.(OCT 2019 to 2020 )

## CONTACT

### ADDRESS :

17/2 , Shanmuga Nagar, Madanandapuram  
Porrur Chennai 116

### Phone / EMAIL :

[rajeshrd007@gmail.com](mailto:rajeshrd007@gmail.com) / 9884462804

### WEBSITE :

<https://aerobotech.in:5112/>

### SOCIAL MEDIA :

[www.linkedin.com/in/rajesh-raju-dayanand-6165b64b](https://www.linkedin.com/in/rajesh-raju-dayanand-6165b64b)

## PROFESSIONAL SKILLS

- Proficient in Managing an Office Budget
- Proficient in Database Administration
- Proficient in application design and integrating functionalities.
- Proficient in Capacity Planning
- Proficient in Technology Roadmap development
- Proficiency in High Availability solutions
- Proficient in hardware installations
- Proficient in operating system installations and administration
- Skilled in overseeing diverse technical teams and their individual members.
- Proficient in disaster recovery strategies
- Proven experience in establishing infrastructure monitoring
- Proven experience in deploying network solutions

### **Database Consultant @Proarch IT solutions**

Provided support for their production databases for US state Power Board, to address the the performance issues. Implemented the high availability and scaled the database and application micro services (Oct 2020 to Sep 2022)

### **Devops Lead @Apple**

I managed a team of 18 offshore members, supporting the production pipeline for the apple devices phones, laptops, watch, tv pods etc... . Each product goes through more than 1,000 tests post-assembly, with the test data sent to DCS servers in its raw form. My role is to ensure that the testing process operates seamlessly, enabling the test data to be processed effectively into the databases. I offer comprehensive support for the Exadata boxes, from which the data is transferred to a big data Hadoop environment to meet various business requirements. We utilize tools like Kafka, Hive, Pig, and Spark to reformat the data for better readability and visualization. (Aug 2016 to OCT 2019 )

### **Senior Technical Analyst @Oracle India pvt ltd**

I have made individual contributions to projects including MTN (Telecommunications South Africa), the Oracle PaaS Team, Oracle ACS, and the Oracle ACS Hyper Queue. I coordinated efforts between the Exadata hardware and software teams to identify bugs and ensured that fixes were implemented in the CPU patches. Additionally, I facilitated nearly 40 Oracle product implementations and provided support for various operations, such as migration and scaling up hardware and software activities. (FEB 2016 to AUG 2017)

### **Senior Database Admin @HCL Technologies**

Collaborated with a team on the Micron project, where I managed end-to-end administrative tasks and addressed numerous production issues. I participated in multiple war rooms, proposed necessary changes to resolve problems promptly, and ensured the implementation of these changes while refining the process to prevent future occurrences. (May 2013 to Jan 2015 )

### **Senior Database Admin @ HP**

Provided 24/7 production support for Ahold USA, managed nearly 3,000 Oracle databases, 40 Real Application Clusters, 20 MySQL databases, and 10 Informix databases. Regularly addressed approximately 300 Sev1 and Sev2 problem tickets each week, while executing at least 7 change tickets consistently. (Jan 2009 to Apr 2013 )

## **Database & OBRM Admin @ SUN TV / SUN DTH**

Worked as the first contact point for any kind of failures on the Portal network , Satellite servers , application failures , database failures, implemented backup policies tested regularly for Disaster recovery scenarios , handled performance issues and incidents. Coordinated with the data center field engineers for any hardware failures and supported in cabling the servers , participated in multiple war rooms for technical failures and followed up to resolve them and refine the process as not to occur . (Mar 2008 to Jan 2009)

### **Areas of Expertise:**

- Proficient in Exadata, Data Guard, Real Application Clusters (RAC 10g/11g), ASM, RMAN, and OEM 11g
- Experienced in WebLogic administration, Fusion applications, and Oracle billing and revenue management systems
- Skilled in SQL Server administration, PostgreSQL, Informix databases, Hadoop administration, Cassandra, Java, Python, Big Data, Pig, Hive, and Spark
- Competent in requirement analysis and integration, along with recruitment and training

Certifications:

Oracle 9i, Oracle 12c, OCI, OCA, OCP

Education:

BCom (2003) from Madras University, KCKSNHSS College, Chennai

### **Personal Information**

- Name: RD Rajesh
- Father's Name: R Dayanandan
- Date of Birth: 07-05-1982
- Gender: Male
- Languages Known: Tamil, English, and Telugu
- Contact Number: 09962595299 Email ID: rajeshrd007@gmail.com

### **DECLARATION**

I hereby declare that the information provided above is accurate to the best of my knowledge. I am committed to dedicating myself entirely to my work and will strive to contribute positively to the betterment of my organization.

I look forward to utilizing all my skills and hard work to reach my full potential and achieve my aspirations for the benefit of my management.

Signature:

Place: Chennai

Date: (Rajesh RD)