



**SATHISH KUMAR**



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### Professional Summary

- **25 + years of total experience in Information Technology.**
- **6 + years of experience as Software programmer and Hardware Engineer.**
- **6 + years of experience as Software Programmer in Anna University.**
- **4 + year of experience as Teaching IT Related Software Technical subjects.**
- **3 + years of experience as an Oracle Database Administrator.**
- **2 + years of Abroad experience in Sultanate of Oman.**
- **2 + years of experience in AWS Cloud Computing as System Engineer.**
- Knowledge in installing and configuring Oracle 9i, 10g in Solaris, Linux and Windows.
- Assisted in developing backup and recovery plans.
- **Author of Book Fundamentals of AI**

### Technical Cognizance

<b>Databases</b>	Oracle 9i, 10g, 11g, AWS Aurora
<b>Script</b>	Shell
<b>Front end Utilities</b>	Developer 2000 Release Forms 4.5, Reports 2.5 & JSP
<b>Network Utilities</b>	Putty, GIT, VMware.
<b>Languages</b>	C, C++, JAVA, SQL, PL/SQL, Python, Django, Flask
<b>Operating Systems</b>	Unix, Solaris, Red hat Linux, Windows.

<b>Institution</b>	<b>Recognition</b>
<b>Oracle Corporation</b>	<b>O.C.P (Oracle Certified Professional) 9i, 10g, 11g</b>
<b>Anna University</b>	<b>Solaris/Unix Administration and Networking</b>
<b>SIDO (Government of India)</b>	<b>Diploma in Hardware and Networking.</b>
<b>SSI Pvt., Ltd</b>	<b>Java Project Completion Certificate with Outstanding Grade.</b>
<b>Amazon Web Services</b>	<b>AWS Certified Professional (SLA)</b>



Course/Degree	Year of Passing	Institution
Pursuing PhD (CSE)	NA	Chitkara University, Chandigarh
Master of Technology (CSE)	2022	North East Frontier Technical University <b>65.9 %</b>
Master of Technology (SS)	2019	BITS Pilani, Rajasthan, India. <b>5.85 CGPA</b>
Bachelor of Engineering (CSE)	1996	University of Madras, Chennai, India. <b>55.6%</b>
Higher Secondary	1992	Don Bosco Higher Sec School, Chennai
High School	1990	Don Bosco Higher Sec School, Chennai

Organization	Designation	Period
Siddhartha Institute of Technology	Asst Professor in CSE	Aug-2024 to Nov 2024
Bharat Institute of Engineering	Asst Professor in CSE	Dec-2022 to Jun-2023
Marwadi University	Asst Professor in CSE	Apr-2022 to Nov-2022
Peta data Technologies PVT Ltd	Systems Support Engineer (AWS)	Jun-2019 to Apr-2021
Nizwa College of Technology (Oman)	Tutor, Oracle Database Admin	Jan-2015 to Sep-2017
Page One Technologies	Oracle DBA	Oct-2010 to Dec- 2014
Data Zone India Pvt. Ltd	Developer Programmer	Jan-2008 to Sep- 2010
ANNA UNIVERSITY	Software Programmer	Jun-2001 to Dec-2007
ANSI Software Teaching Academy	Teaching Faculty	Nov-1996 to May-2001

#### **List of Faculty Development Programs**

- Mathematical Models for Machine Learning, From NIT Warangal
- Python Programming Essentials, From Rice University.
- The Bits and Bytes of Computer Networking, From Google Corporation
- AWS Cloud Computing Technical Essentials, From AWS.
- Network Management and Security, From Anna University
- Solaris Administration. From Anna University
- Exploring Data Analysis for Deep Learning using Python & Power BI. From NIT Warangal
- Artificial Intelligence and its Role in Future Communication. From NIT & University of Kashmir
- Recent Technological Trends, From Rajeshwari College of Engineering



### **Work Profile (DBA) in Page One Technologies**

- Installation of Oracle 10g on Linux operating system
- Teaching newly joined employees on current software and infrastructure
- Manually creating databases and maintaining databases
- Creating users and granting the user privileges
- Creating Non system tablespaces and assigning quotas to the users
- Creating Undo and temporary tablespace and assigning it for a database
- Creating Index for columns of tables and to analyze the indexes
- Analyzing the tables and defragmentation of tables
- Defragmentation of index and validating the index
- Monitoring the growth of database
- Multiplexing the control files and recreating the control file
- Adding log file groups and members into a group
- Backup and recover the database using Cold and Hot backup, Export and
- Creating catalog mode in RMAN
- Creating the clone database using RMAN or Hot and Cold backups
- Checking the consistency of datafiles using DBverify Utility
- Loading the data into table using SQL loader
- Analyzing the Query using explain plan and tuning
- Gathering the statistics of a database using AWR

### **Work Profile (Developer Programmer) in Data Zone India Pvt Ltd**

- Maintain referential integrity, domain integrity and column integrity by using the available options such as constraints etc
- Knowledge Transfer
- Identify columns for Primary Keys in all the tables at the design time and create them
- Creating *tables, indexes, synonyms*. Have got multiple customer tickets for resolving several critical, pending issues
- Monitoring the database growth and Re-organizing the tables and indexes whenever required
- Creation of oracle users, roles and profiles Granting privileges to roles and users



### Work Profile (Software Programmer) in Anna University.

<b>Project Name</b>	<b>Affiliation of Engineering Colleges (C.E.P), Anna University, Chennai 25.</b>	
<b>Environment</b>	<b>Oracle 9i, Oracle Developer 2000, JSP, Windows</b>	
<b>Role</b>	<b>Programmer.</b>	
<b>Client</b>	Center for Engineering Partnership. (C.E.P), Anna University, Chennai 25.	
<b>Project Name</b>	Automated Fees Collection Module	
<b>Environment</b>	Oracle 9i, Oracle <b>Developer 2000</b> , Windows	
<b>Role</b>	Programmer	
<b>Client</b>	<b>AcademicInformationManagementSystem(AIMS),AnnaUniversity,Chennai25.</b>	
<b>Description</b>	Modules and work details for A.I.M.S <ul style="list-style-type: none"> <li>• Fees Collection with 5 data blocks and 1 control block.</li> <li>• Facilitated by individual and cumulative report generation.</li> <li>• Modification page with auto executable tab.</li> <li>• Page hosted in intranet.</li> </ul>	
<b>Other Responsibilities</b>	<ul style="list-style-type: none"> <li>• Assisted in TNEA (<b>Tamil Nadu Engineering Admissions</b>).</li> <li>• Assisted in developing an application for MCA faculty program.</li> <li>• Developed application for Teacher's assignment by students.</li> </ul>	

### Work profile in Hardware & Networking (Anna University)

Troubleshooting like HP, IBM, Sun Sparc various Branded systems Solaris, DELL

O.S Installation - **Windows** 2000, 2003, XP, NT

**Solaris** - 8, 9

**Linux** - Fedora Core 6, Red hat

Hardware Maintenance for **SOLARIS E350 SERVER.**

Brief knowledge in handling Operating systems like **Solaris, Linux, UNIX, Windows.**

Good knowledge in handling Network tools like Putty, Hummingbird.



### **Work Profile in Nizwa College of Technology Sultanate of Oman**

- Installation of Oracle Software in Systems
- Troubleshooting Oracle software
- Maintenance of Hardware of Computer, Printer and projector.
- Troubleshoot other software if any issue arises.
- Maintenance of lab and lab activities of students
- Tutor to students in their subjects and Projects.

### **Work Profile in ANSI Software Teaching Academy**

- Teaching students in advanced software technologies like C, C++, Java, Oracle
- Helping in their Software related project works for their UG completion Conducting Tests for validation of students on their subject Helping in their practical workouts in Labs.

### **Work Profile in Marwadi University & Bharat Institute of Technology**

- Teaching High end courses like Cloud Computing, Artificial Intelligence.
- Taking class for Final year B. E and MTech in Python programming.
- AWS Affiliated Cloud Computing Educator.



## Accomplishments

- Assisted The Then President of India **Dr. APJ Abdul Kalam Sir** in his projects.
- Developed a touch screen based engineering college status for the districts based in Tamil Nadu.
- Project Lead in Automation project for CED (Centre for Entrepreneurship Development).
- Represented Nizwa College of Technology Oman in Artificial Intelligence and Robotics in International Technical Emporium held at Al-Nawa Mega Mall Oman.

## Personal Profile

Email	reply2kas@gmail.com
Nationality	Indian