**DHANUNJAYA RAGA**

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| **Degree** | **Institution/University** | **Year** |
| Bachelor Of Technology | Jawaharlal Nehru Technological University, Hyderabad | June 2009 |

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| **Certifications:**   * Microsoft certified Azure Data Engineer * Microsoft certified Azure Data Scientist * Microsoft certified Azure Solutions Architect * Microsoft certified Azure Administrator * Microsoft certified Azure Fundamentals * MongoDB University certified Professional   **Trainings**   * Python for Data science * Machine learning with Python * Microsoft Azure cloud services |

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| **Experience Summary** |
| * Software Professional with 9+ years core expertise on **MongoDB Development & Administration, Python, Machine Learning, MySQL, Grafana.** * 6+ years with **MongoDB Development, Administration** & **Architecting**. * Certified **MongoDB** professional from **MongoDB** University. * **Microsoft** Certified **Azure** Solutions **Architect** Expert, **Microsoft** certified **Azure** **Administrator, Microsoft** certified **Azure Data Engineer** & **Microsoft** certified **Azure Data scientist**. * Efficient in writing **MongoDB aggregation pipeline and SQL queries.** * Provided crucial **L3 support** for major application deployments. * Hands-on experience in **Server Performance tuning** and **Recommendations**. * Hands-on in **replication & sharding** mechanisms of **MongoDB**. * Hands on experience in monitoring **MongoDB** related issues and investigating the **root cause analysis (RCA)** impacting server performance. * Understanding of the **machine learning** models with **Python**. * Excellent understanding of **machine learning** techniques and algorithms, such as k-NN, XGBoost, **SVM**, Decision Forests, RNN, LSTMs etc. * Feature Engineering, building, and optimizing classifiers using machine learning techniques * **Enthusiastic** and able to **learn** new **Technologies** and **Tools** quickly. * Good **interpersonal and client-handling skills** with the ability to manage expectations and explain technical details. * Shows flexibility, **quick learner**, proactive attitude and an **amazing team player.** * **Hands-On Team Leader** with strong focus on Documentation, Communication, Process and constant Improvements. * Strong **analytical**, **logical** approach to **problem** solving, **investigative** and **inquisitive** mind. |

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| **Experience** | |
| **Organization** | Infosys |
| **Duration** | April 2017 – Feb 2020 |
| **Designation** | Lead Consultant |
| **Role** | Database Architect |
| **Area of Work** | MongoDB Development & Administration |

**Details of Projects:**

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| **Project:** | **GNCS Data Services** |
| **Client/Company:** | Apple/Infosys |
| **Period:** | April 2017 to February 2020 |
| **Description:** | GNCS project is the Apple’s flagship project which deals the AI app Siri. The database consists of wide variety of data spread across multiple clusters in the production. |
| **Contribution:** | * Involved in dynamic environment with Offshore/Onshore development**.** * Created various **sharded clusters** and **replica sets** depending on the requirement style. * Identified the performance loop holes and troubleshooted the issues. * **Automated** some of the tasks using the **javascripts**. * Preparing test data by using Black Box **Test Case Design Techniques**. * Implemented the server **performance tuning**. |
| **Tools/Technologies** | MongoDB, Python, Ops Manager, Javascript |

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| **Experience** | |
| **Organization** | ConnectM Technologies Solutions Pvt. Ltd. |
| **Duration** | March 2014 – March 2017 |
| **Designation** | Data Analyst |
| **Role** | Developer, Admin, Tester |
| **Area of Work** | MongoDB Development & Administration |

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| **Project 1:** | **BlueStar Asset Management(BSAM)** |
| **Period:** | October 2015 – March 2017 |
| **Description:** | Bluestar is famous for providing cooling solutions ranging from domestic home to huge industries. They want to monitor their VRF systems (heart of the cooling system) for every 2 minutes. Here there will be a RTU (Remote Transmission Unit) present at the site and keep on sending the data packets to the web server. In the server, the parser processes the data from the packet and dumps the data into MongoDB. From there various parameters of VRF are interpreted and displayed in UI. |
| **Contribution:** | * Created and executed the **MongoDB** aggregation queries. * **Developed** the data parsing engine to parse the data. * Implemented the server **performance tuning.** * Implemented the **MongoDB replication** for high availability. * Validated **MongoDB** data to match the required VRF parameters. * Involved in Creation of **Test scenarios** Using **Functional Specification**. * Participated in **review** of test cases. * Generated **test scenarios,** test cases and test data. * Providing **impact Analysis**, for the requested change. * Performed **Functional, System and Regression testing.** |
| **Tools/Technologies** | MongoDB, Python, Node.JS, Tomcat, Java, Angular |

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| **Project 2:** | **OPTVision** |
| **Period:** | March 2014 – September 2015 |
| **Description:** | OPTVision is the application which gives instant insights for the OnProcess client regarding the proceedings occurring after sales in supply chain management. OnProcess is the e-commerce client which requires the post sales analysis. In this project, the client data is dumped from MS-SQL to MongoDB on top of which the web application with REST APIs was built. The application can track the transition of goods/items/orders which is highly useful to take data driven decisions. |
| **Contribution:** | * Involved in dynamic environment with sprint teams using **Agile Methodology.** * Involved in project design and architecture. * Involved in the team for **developing** database syncing module. * Done extensive **data validation** between MongoDB and MS SQL. * Created and executed **MongoDB** queries. * Implemented the server **performance tuning**. * Implemented **MongoDB replication &sharding**. * Done extensive server management in production environment. * Directed testers for writing bug reports. * Preparing test data by using Black Box **Test Case Design Techniques**. * Monitored the **MongoDB** production cluster and taken DB backups. * **Integrate** the modules and release the product to the client. * **Mentoring** new team members. |
| **Tools/Technologies** | MongoDB, Python, Node.JS, Tomcat, Java, Angular |

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| **Experience** | |
| **Organization** | Bharat Electronics Limited |
| **Duration** | September 2011 – June 2013 |
| **Designation** | Contract Engineer |
| **Role** | Quality Assurance Engineer |
| **Area of Work** | PSpice, LabVIEW, FPGA |

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| **Project:** | **CCS Mach 1, Mach 2** |
| **Period:** | September 2011 – June 2013 |
| **Description:** | CCS project was indigenous voice communication system extensively used in the Indian Navy ships. This project uses LabVIEW technology to process the communication from VoIP protocols and distributes/broadcasts in the entire navy ship. |
| **Contribution:** | * Created and executed the test cases for validating the CCS software complying with SDLC and STLC lifecycles. * Involved in configuring the LabVIEW into respective software automated rigs. * Involved in configuring the VoIP based telephones. * Programmed several software rigs, ROMs, PCBs with the design guardrails and guidelines. |
| **Tools/Technologies** | LabVIEW, OrCAD, JIRA |

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| **Experience** | |
| **Organization** | SLN Technologies Solutions Pvt Ltd |
| **Duration** | August 2010 – August 2011 |
| **Designation** | Trainee Engineer |
| **Role** | Software Testing Engineer |
| **Area of Work** | PSpice, LabVIEW, OrCAD |

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| **Project:** | **ODU** |
| **Period:** | August 2010- August 2011 |
| **Description:** | ODU was complete automated Out-Door Unit which was equipped with several communication protocols like RS-232, Zigbee, USB, CAN etc powered by powerful 8086 processor. This unit was used as general-purpose bridge device in navy ships. |
| **Contribution:** | * Executed the test cases for validating the ODU software complying with SDLC and STLC lifecycles. * Involved in configuring the LabVIEW into respective software automated rigs. * Programmed several software rigs, ROMs, PCBs with the design guardrails and guidelines. |
| **Tools/Technologies** | LabVIEW, OrCAD, JIRA |