

## G RAJASEKHAR

<https://rajasekhar.dev>

<https://github.com/rajasekhar-gundala>

Mobile: (+91) 7095247394

E-Mail: [itsraj@outlook.com](mailto:itsraj@outlook.com)

---

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields, and realize my potential and contribute to the development of organization with impressive performance.

### Summary

- Over 16+ years of IT experience in infrastructure systems engineering, management and administration.
- Experienced (7+ yrs) cloud professional (Azure and AWS).
- 6+ years of experience with CICD Tools or Pipelines like Github Actions, Gitea Actions, Gitlab CICD, Drone CI, Woodpecker CI, Jenkins and Azure DevOps.
- 5+ years of experience with Docker Containers (building and publishing custom containers to Docker hub as well as GitHub repo), Podman & Container Orchestration using Docker Swarm and Kubernetes.
- Hands on experience with code repositories and version control systems like Github, Gitlab, Gitea (self-managed on-prem).
- Hands on experience with distributed tracing environment using Jaeger, Grafana, Loki, Prometheus, Quickwit, ClickHouse and Pyroscope to analyze the logs, metrics & traces to improve the application performance.
- Amazon services deployment and maintenance (EC2, ECS, EKS & Route 53).
- Infrastructure as Code (IaC) using Pulumi (Provision of the cloud resources in AWS).
- Deployed micro-services on Azure using Kubernetes (AKS & K3S).
- Automation using Ansible (patch management for Linux systems, deploying applications, etc.).
- Monitoring servers and services using Nagios, CloudWatch and Grafana stack.
- Grafana dashboards using different data sources (Prometheus, Loki, CloudWatch & Quickwit).
- Very good experience with modern cloud native web servers like Caddy, Traefik and NGINX.
- Log management using ELK Stack with different filters (Grok) to parse unstructured data into structured.
- Designed and Implemented ELK Stack on Docker Swarm for Internal search purpose.
- Designed ETL Pipelines using Cloudquery and Airbyte to store the data from different sources in Elasticsearch and Meili search.
- Designed and Implemented ETL Orchestration platform using Airbyte and Kestra.
- Good working experience with Metabase to visualize the data gathered.
- Hands on experience in deploying CMS Systems like WordPress, Joomla and Drupal in docker swarm environment with GlusterFS replicated volume for data persistent.
- Hands on experience with AI Tools like Local AI, Anything LLM, Ollama and Flowise.
- Hands on experience with VMware, Hyper-V, Opennebula and OpenStack Virtualization

Environment.

- Hands on experience on HP Servers/Blades (ProLiant) Hardware's EMC and HP Storage Environment.
- Hands on experience in Windows server 2012/16/19 and Linux (Ubuntu) Servers.
- Hands on experience as Windows Servers Administrator.
- Hands on experience Active Directory, Group Policy, Group/User Management, DNS, DHCP, IIS, FTP, Exchange 2010/16 and O365 On Prem and Cloud Environment.
- Hands on experience with BigFix Patch Management Tool.
- Hands on experience with Symantec Backup Exec Backup Tools.
- Hands on experience with Nagios and other monitoring and Ticketing Tool.
- Hands on experience with MSSQL/MySQL/Mariadb/MongoDB Database servers.
- Hands on experience with PCI, and SOX Security standards.
- 10+ years of experience with designing production SharePoint 2013 on-prem environment on Windows Server 2016 with NLB.
- Maintenance of Virtual Infrastructure of SharePoint Server 2013 Farm along with Office 365.
- Hands on experience with Microsoft SharePoint Server (WSS 3.0, MOSS 2007/2010/2013/2016/2019).
- Hands on experience with OOTB features of SharePoint Technology.
- Hands on experience with SharePoint Designer workflows, Power Automate and Nintex workflows.
- Excellent Project Management and IT skills.

## Computer Skills

DevOps : GitHub, Gitlab, Gitea, Drone CI, Woodpecker CI and Jenkins  
Docker : Docker, Docker Compose, Podman, Docker Swarm, K8S  
Cloud : Azure, AWS, Linode, Digital Ocean, SSD Nodes, Vultr  
SharePoint : WSS 3.0, MOSS 2007/2010/2013/2016/2019  
Monitoring : Nagios, Grafana, Prometheus, Loki, ELK, Open Search, OpenTelemetry  
Webservers : Caddy Server, Traefik, Nginx, IIS  
OS : Windows Server 2008/2012/2016/2019, Ubuntu  
Database : MSOL, MySQL, Maria DB, PostgreSQL, ClickHouse, Quickwit  
Frameworks : Astro

## Experience

- Working as **IT Systems Specialist** in **Foundever**, Bangalore from Jul 2013 to till date
- Worked as a **Senior Engineer** in **Novozymes South Asia Pvt.Ltd**, Bangalore from Sep 2010 to Jun 2013
- Worked as an **IT Engineer** in **CMC Ltd**, Hyderabad from Sep 2006 to Aug 2010

## Education

- **MTech**, Electrical (C&I) from **MNNIT**, Allahabad in 2003-2005
- **BTech**, Electronics & Instrumentation from **Nagarjuna University**, Guntur in 1998-2002

## Projects

### Recent Projects:

- On-Prem physical (HP ProLiant), Virtual (VMWare), Azure and AWS Cloud Infrastructure maintenance.
- Creating and publishing custom docker containers using CICD tools like GitHub Actions, Drone CI, Gitea Actions and Woodpecker CI based on the requirement.
- Deployed Caddy Server as a reverse proxy and load balancer in docker swarm environment. Caddy automatically obtains and renews TLS certificates for the all sites deployed behind it.
- Log management using ELK, Loki, Victoria Logs and Quickwit.
- Application instrumentation using OpenTelemetry, Prometheus, Victoria Metrics, Jaeger, Pyroscope and frond-end dashboards (monitor them) using Grafana.
- Grafana dashboards to track the spendings on clous environment using CloudWatch data source especially for AWS.
- Amazon services deployment and maintenance (EC2, ECS, EKS & Route 53).
- Infrastructure as Code (IaC) using Pulumi (Provision of the cloud resources in AWS).
- Deployed micro-services on Azure using Kubernetes (AKS & K3S).
- Automation using Ansible (patch management for Linux systems, deploying applications, etc.).
- Container based docker swarm infrastructure management (GlusterFS as replicated volume for data high availability).
- Internal Search Application using ELK Stack.
- Corporate SharePoint 2010/2013 on-prem Infrastructure maintenance and Cloud Environment (O365) maintenance as well.

**Company:** Foundever (Jul 2013 to Till Date)

### Responsibilities:

- Managing/Supporting of On-Prem Physical, virtual and Microsoft Azure/AWS Cloud Environment.
- Provisioning servers and services using IaC tool, Pulumi on AWS and Asure.
- Monitoring on-prem as well as cloud environment using Grafana dashboards, Prometheus, Loki, OpenTelemetry & CloudWatch.
- Automation using Ansible (patch management for Linux systems, deploying applications, etc.).
- Designed and built production Enterprise Search Environment using ELK Stack and integrate different content courses with ELK Stack (SharePoint On-prem, SharePoint Online, GitHub etc.,) using ETL tools like CloudQuery, Kestra, Airbyte.
- WordPress environment on Docker Swarm cluster using GlusterFS as replicated volume and Caddy as reverse proxy.
- Instrumenting application logs, metrics and traces using OpenTelemetry, storing them in Quickwit, monitoring them on Jaeger & Grafana.
- Managing/Supporting of VMware vSphere 6.2, ESXi Server Environment,
- Creation, management of virtual machines, migrations, cloning/ templates.

- Data Center Migrations both Azure Cloud and VMware Virtualized Environment.
- Designed and implemented production WSS 3.0 and SP2010/2013 Server Farm environment.
- Functional support to Intranet Portal and Enhancements based on user requests.
- Creating new department and project sites based on the user request.
- Worked with different OOTB web parts of SharePoint.
- Creating new permission levels and giving the user permissions.
- Creating custom workflows using SharePoint Designer 2007/2010/2013.
- Moving some of the sites to Cloud Environment.
- Built and maintenance of Windows Servers in Azure.
- Managing/Supporting of Windows Active Directory 2008/03/12/16 Infrastructure.
- Managing/Supporting of Windows Server 2012/16/19 Clustered Environment.
- Hands on Experience with Veritas Backup Exes (Backup Solution).
- Hands on Experience with NetApp Altvault Appliance.
- Managing/supporting of Group policy and Security Policies.
- Managing/Supporting of IIS, DNS, DHCP, File Server and FTP.
- Basic knowledge SQL/Oracle Database Servers.
- Supporting/Managing and maintain Other Application Servers.
- Supporting/Managing Symantec End Point Server.
- Supporting/Managing IBM Bigfix Patch Management Environment.
- Monitoring servers through Nagios Monitoring Tool.

**Previous Project 1:** Electronic Lab Notebook – ELN (Sep 2010 to Jun 2013)

**Company:** Novozymes, DK

**Description:** Electronic Lab Notebook is key application in Novozymes R&D department that replaces the daily manual research paper work. A basic electronic lab notebook system (ELN) consists of an authoring tool, notebook management and digital signing software. As today with the paper lab notebook, the system will support a number of lab notebooks. The lab notebooks are virtual of cause and can span sites, locations and have no practical limit in number of pages. It will be up to the super users of the system to administrate lab notebooks. An electronic lab notebook is regarded as collection of experiments grouped together (by project or personal).

An experiment is seen as a collection of following data:

- Office document (Word/Excel) with experiment notes.
- PDF file with digital signature, rendered directly from the Office document.
- Supplementary files, e.g., raw data, spreadsheets, etc.
- Images (gels, chromatograms, etc.). This is basically also just supplementary files.
- Meta data about the experiment (experiment number and name, project, author, department, etc.).

SharePoint is used as central experiment repository and integration platform. Since quite a lot of experiment and files will be created in the system, and there are some specific

requirements on security and search on experiment level, the technical design of the SharePoint model is very important.

**Responsibilities:**

- Main responsibilities include functional support to ELN, CSELN and RDC sites, i.e., SharePoint Administration.
- Creating new department and project sites based on the user request.
- Creating new permission levels and giving the user permissions.
- Creating custom workflows using SharePoint Designer 2007.
- Worked with Audience targeting feature of SharePoint.
- Worked with different OOTB web parts of SharePoint.

**Previous Project 2:** Electronic Content Management System (Apr 2008 to Aug 2010)

**Company:** Xerox Corporation, USA

**Description:** Xerox Corporation is the world's leading document management technology and services enterprise. Xerox's services expertise is unmatched and includes helping businesses develop online document archives, analyzing how employees can most efficiently share documents and knowledge in the office, operating in-house print shops or mailrooms, and building Web-based processes for personalizing direct mail, invoices, brochures and more. Free Flow Prepress Suite is a bundle of components of Free Flow Makeready, Free Flow Process Manager and Free Flow Web Services, Free Flow Print Manager and Common Printer Administration Components. FFPS allows user to scan the hardcopy documents to create electronic images; assemble the images into documents; edit and enhance documents; store, catalog, and retrieve documents; and submit documents to a Xerox Production Printer to produce high-quality output. Free Flow Prepress Suite enables the user to create and manage large volumes of huge documents in an organized way in the server repository.

**Responsibilities:**

- Developed an Intranet portal for Xerox production support.
- Developed DMS (Document Management System) to store, catalog and retrieve documents.
- Developed a bug tracking system to solve printer related issues for production purpose.
- Developed custom user controls and web parts.
- Configured enterprise search with BDC and also configured different iFilters to retrieve the docs based on meta data.
- Developed a dashboard for production department.
- Developed custom workflows using Nintex Workflow 2007.

**Previous Project 3:** Pharmacy Management System (Sep 2006 to Mar 2008)

**Company:** Suncoast Pharma

**Description:** Sun Coast Pharmacy is a family owned and operated retail pharmacy servicing its local South Florida community. Sun Coast Pharmacy is looking to provide business-to-business partnerships and encourage non-traditional channels to sell their products. Sun Coast has made strides to create a new web presence that markets their name but also provides ways to enhance its relationship with its customers.

**Responsibilities:**

- Manual testing of the application.
- Involved in functional testing.
- Involved in prepared test cases based on FDCR's.
- Carried out System, Integration and Performance testing of the application.
- Bug tracking and setting priorities using JIRA.
- Worked closely with developers in reporting bugs reported.
- Navigational testing of the hyperlinks provided in the web pages in different browsers and operating system combination.
- Tested for look and feel of web pages.

## Personal

Full Name : Rajasekhar Gundala  
Father Name : Prasadarao Gundala  
Date of Birth : 20/06/1980  
Sex : Male  
Marital Status : Married  
Languages Known : Telugu, English & Hindi  
Permanent Address : Habsiguda, Hyderabad, Telangana - 500007, India

Good Analytical & communications skills, work efficiently in group as well as individually, Self-starter & hardworking, Zeal to learn new technologies.