

# NAYAN KUMAR

## OBJECTIVE

Experienced DevOps Engineer with 4-5 years of specialized expertise in CI/CD pipelines, infrastructure automation, and cloud services, complemented by 12 years of comprehensive infrastructure engineering experience. Seeking a challenging role to utilize my skills and contribute to the success and growth of a forward-thinking organization.

## ACTIVITIES AND INTERESTS

---

- Hiker
- Gardening & Landscaping
- Technology Enthusiast

## KEY SKILLS

---

- Automation & Configuration Management: Ansible, Puppet, Chef, SALTSTACK
  - CI/CD: Jenkins, GitLab CI/CD.
  - Cloud Services: AWS, Azure & Google Cloud Platform
  - Scripting & Programming: Bash, Python, PowerShell, Ruby
  - Infrastructure as Code (IaC): Terraform, CloudFormation
  - Containerization & Orchestration: Docker, Kubernetes, OpenShift
  - Monitoring & Logging: Prometheus, Grafana.
  - Version Control: Git, SVN
  - Networking & Security: TCP/IP, DNS, firewalls, VPNs.
  - Collaboration & Communication: Jira, Confluence, Slack.
  - Operating Systems: Linux (CentOS, Ubuntu), Windows Server
  - Database Management: MySQL, MSSQL, MongoDB
  - Virtualization: VMWare, VirtualBox, Hyper-V, KVM
- 

## DevOps Engineer

Megamax Services Pvt Ltd | Dec 2021 - Present

**Client:** CargoWise – Global logistics execution platform

- **Application Support:** Troubleshoot and resolve application errors and warning logs to optimize system performance, reducing downtime and enhancing operational efficiency.
- **Performance Monitoring:** Design, configure, and maintain Grafana dashboards for real-time monitoring of server metrics, proactively addressing anomalies to ensure continuous performance.
- **Database Management:** Execute SQL queries to manage messaging queues and support data correction; collaborate with cross-functional teams for schema changes, backup, and recovery.
- **Infrastructure Automation:** Provision AWS instances using Terraform, deploy servers via Ansible, manage application rollouts, and conduct monthly Windows patching for compliance and security.
- **Process Automation:** Create and deploy PowerShell scripts to automate report generation, reducing manual workload by 30% and improving reporting accuracy.

## Senior System Administrator

Catchpoint Systems Pvt Ltd | Jul 2019 - Oct 2021

**Description:** Proprietary site performance monitoring tool

- **Server & Escalation Management:** Commission and troubleshoot Windows and Linux servers for on-premise/hosted environments, handling escalations for critical client issues and ensuring quick resolutions.
- **Customer Support:** Act as primary contact for high-priority issues, coordinating solutions that minimize impact and ensure client satisfaction.
- **Deployment Automation:** Streamlined deployment by integrating Jenkins with AWS ECS/EKS and Azure Kubernetes Service, accelerating deployment speed by 25%.
- **Network & Image Management:** Capture and analyze Wireshark packet data for network troubleshooting; automate server imaging using Packer for consistent deployments across environments.
- **Automation with Salt:** Use Salt to automate configuration

## EDUCATION

---

- **SSLC**  
May 2005 | Poorna Prajna High School
- **Pre-University**  
May 2007 | Sheshadripuram PU College
- **Diploma in E&C**  
May 2012 | Acharya Institute of technology

## VOLUNTEER & RECOGNITIONS

---

- Actively engaged in the employee engagement group, organizing monthly events that foster team building and collaboration among employees from various departments.
- Received consistent recognition and appreciation throughout my career for demonstrating dedication, excellence, and commitment to my work.

## CONTACT

---



justabitnayan.life



nayan.kumar.js@outlook.com



<https://www.linkedin.com/in/nayanlinkdn/>



GitHub

<https://github.com/nayan-kumar-ghub>



+91-9743771209

management tasks (e.g., package installations, file manipulation) across multiple environments, saving significant manual effort.

- **Scripting & CI/CD Integration:** Developed Bash scripts for software installations; integrated Terraform into Jenkins and GitLab CI pipelines, enhancing infrastructure provisioning speed and reliability.

### Senior Customer Care Engineer

*Aspect Software | Aug 2018 - Jul 2019*

**Description:** Web/cloud-based call center solutions

- **Server Management:** Configured Windows server environments for on-premises infrastructure, maintaining stability and performance.
- **Application Troubleshooting:** Diagnosed and resolved application issues via event and application logs, improving uptime and supporting end-user functionality.
- **Database & Product Implementation:** Ran SQL queries for user and module issues; installed and configured applications for client environments across on-premises and cloud, ensuring smooth deployment.

### Senior Engineer

*Mindtree Ltd | Sep 2014 - Aug 2018*

**Clients:** Volvo IT India, Kellogg's IT

- **Environment Setup:** Configured production and local servers per team requirements, optimizing setup for streamlined operations.
- **Backup & Middleware:** Scheduled TSM backups; managed IBM WebSphere MQ, developing PowerShell scripts for service restarts and backup automation.
- **Deployments & Patching:** Conducted production deployments, applied critical Windows patches, and managed AWS cloud servers (EC2, S3, ELB) to ensure uptime and compliance.
- **Webserver & Network Management:** Built and managed 50+ web servers, including Akamai CDN integration, SSL certificates, and domain mapping, enabling smooth application access and high performance.

### System Administrator

*dWise Solutions Pvt Ltd | Jun 2012 - Aug 2014*

**Client:** OneEHR & Healthi9 – Cloud-based hospital applications

- **Server Configuration:** Configured Windows web/database servers to support hospital applications, ensuring reliability.
- **Network & Software Installation:** Installed MySQL, MSSQL, Apache Tomcat, Adobe Flex, and PHP; resolved network/server issues to ensure application functionality.
- **Datacenter Management:** Set up and managed in-house datacenter using VMware ESXi, enhancing virtualization and resource efficiency.