

Ameer PB

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❖ Kerala, Kochi

❖ [Portfolio](#)

PROFILE

A professional DevOps Engineer with 6+ years of experience specializing in IT architecture. This experience has helped me develop a range of relevant skills, including an in-depth knowledge of Linux and Unix server architecture and familiarity with a range of technological applications; and I am dedicated to applying them to the next position I hold.

WORK EXPERIENCE

ActiveLobby Information Systems Pvt Ltd.

March 2020 – Present
Kochi

DevOps Engineer

- **Managed AWS EKS Clusters:** Deployed, maintained, and optimized Kubernetes workloads on Amazon EKS, ensuring high availability and performance.
- **GCP CDN Administration:** Configured and managed Google Cloud CDN for efficient content delivery and performance optimization.
- **Wazuh Implementation for SIEM:** Deployed and configured Wazuh for Security Information and Event Management (SIEM), enhancing security monitoring and compliance.
- **CI/CD Pipeline Management:** Oversaw Jenkins pipelines running within Docker containers, ensuring seamless application deployments and automations.
- **Database Migrations:** Performed RDS migrations across different database engines, optimizing for performance and cost efficiency.
- **Redis Graph to FalkorDB Migration:** Executed smooth transitions from Redis Graph to FalkorDB, ensuring data integrity and minimal downtime.
- **EKS Upgrades:** Planned and executed version upgrades for EKS clusters, maintaining security and stability.
- **Nginx Configuration and Optimization:** Configured Nginx for caching, load balancing, and enhanced security for web applications.
- **Infrastructure Security Audits:** Conducted security assessments and implemented corrective actions to harden infrastructure security.
- **Linux Server Management:** Managed and maintained servers running Ubuntu, Amazon Linux, CentOS, and Red Hat.
- **Monitoring and Logging:** Implemented monitoring solutions using tools like Grafana, Prometheus and Loki for proactive issue resolution.
- **Automation and Scripting:** Developed and maintained scripts for automating infrastructure monitoring and resource management.

System Engineer

- Administration of webhosting panel/server's
- Configuring Webhosting servers to relay mails via remote exchanges
- Perform Kubernetes infrastructure Monitoring
- Managed and maintained Linux servers, Kubernetes clusters, pods and AWS instances
- Experience in Server monitoring and application monitoring with the help of DataDog, RabbitMQ, Stern,

etc.

- Performed day-to-day jobs such as monitoring log files, running scripts to automatically watch the resources, CPU, memory, I/O
- Linux: Build and maintained servers running Ubuntu, Amazon Linux, CentOS, and Red Hat

Penetration tester

- Conducting VAPT/Penetration test and generate reports based on the outcomes
- Network security analysis, monitoring incident response
- Detect and respond to security incidents - Participate in security investigations
- Prepare cyber-security briefings and reports
- Monitoring and analyzing network traffic, Intrusion Detection Systems (IDS), security events and logs
- Support monthly situation reporting per shift. Proactively reviewing large data sets for anomalous activity.
- Improved security posture by implementing vulnerability scanning on all internal/external servers
- Educate employees regarding Cyber Security and the importance of safe-keeping client data as secure.

St. Antony's Medical Distributors

June 2018 – July 2019

System Administrator

Kochi

- Perform daily system administration tasks to make sure maximum system performance availability
- Performed OS/Hardware upgrades and patch installations on both GNU/Linux and Windows servers and workstations.
- Installed and configured new GNU/Linux and Windows servers workstations.
- Provided system technical support to external and internal users in installation, configuration, and administration of servers and workstations running on GNU/Linux and Microsoft Windows operating systems.
- Investigated and resolved system software, hardware, and network issues as required
- Monitored system performance and identified potential issues
- Performed regular backups of critical data and systems.
- Manage and support new technologies as adopted by the business

FR-Solution

2015 –2017

Junior System Engineer (Remote)

Kochi

- Managed daily system monitoring using Nagios, ensuring the integrity and availability of hardware, server resources, systems, and key processes.
- Reviewed system and application logs to verify the completion of scheduled jobs, such as backups.
- Updated user accounts as per client requests.
- Investigated and troubleshoot system issues, providing timely resolutions.
- Assisted in recovery from hardware or software failures to maintain system uptime.
- Generated periodic performance reports to support capacity planning and resource allocation.
- Performed ongoing performance tuning, hardware upgrades, and resource optimization as needed.
- Configured CPU, memory, and disk partitions to meet system requirements.
- Provided technical support to clients as requested, ensuring high service quality and satisfaction.

Venue Supervisor

Kottayam

- Oversee all operations of the venue, oversight of all the procedures
- Staff and customer management
- Transportation management
- Troubleshooting of any hardware and software related problems
- Hardware integrity checking

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate:**
- **AWS Badge: AWS EKS Knowledge Badge Assessment**
- **Oracle Cloud Infrastructure 2024 Certified Foundations Associate**
- **Certified Penetration Testing (CPT)**

EDUCATION

Kerala University, India

2015

Diploma in Computer Engineering from Kaduthuruthy Polytechnic College

Kottayam

Industrial Training Institute (ITI), NCVT India

2011

Computer Operator & Programming assistant (CO & PA)

Kottayam

Board of Kerala Higher Secondary Education, India

2010

VHSE in Civil Construction and Maintenance (CCM)

Ernakulam

INTERESTS/ HOBBIES

Homelabber : 3 Proxmox node with Kuberenets cluster. PfSense for firewall. TailScale for remote access.

VOLUNTEERING

As a freelance language translator in the Tor Project and in EFF.