Ameer PB

❖ admin@xsec.in ❖(+91) 82811 75845 ❖ [LinkedIn](#) ❖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 UNIX and Windows servers and workstations.
- Installed and configured new Linux/Windows servers and workstations.
- Provided system technical support to external and internal users in installation, configuration, and administration of servers and workstations running on UNIX 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
- Manage daily system monitoring (Using Nagios), verifying the integrity and availability of all hardware, server resources, systems and key processes.
- Reviewing system and application logs verifying completion of scheduled jobs like backups
- Update user accounts per request
- Investigate and troubleshoot issues
- Recover from hardware or software failures
- Perform periodic performance reporting to support capacity planning
- Perform ongoing performance tuning, hardware upgrades resource optimization as required
- Configure CPU, memory disk partitions as required
- Provide support per request from client

Smart Cards Hi-tech Private Limited   2011 –2012
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:**
  - Validation Number: **7a6e5aced0ef41febff69e922b784598**
- **AWS Badge: AWS EKS Knowledge Badge Assessment**
- **Certified Penetration Testing (CPT)**
  - RedTeam Hacker Academy   Kochi

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.