SOHAM RUJ
Cloud DevOps and DevSecOps Engineer

+91-8826509788 ✉ sohamruz1998@gmail.com in Soham Portfolio Delhi- India

Dynamic and results-driven Cloud DevOps and DevSecOps Engineer with a robust background in designing, implementing, and managing secure cloud infrastructures. Targeting opportunities in top MNCs, focusing on roles that leverage expertise in Cloud Technologies, Security Compliance & Site Reliability Engineering, preferably in Delhi/NCR

Education

- **2020: B.Tech. in Electrical, Electronics & Communications Engineering**
  Gandhi Institute For Technology (BPUT) - Bhubaneshwar

Core Competencies

- Cloud Infrastructure Design
- DevSecOps Implementation
- Automation and Orchestration
- Disaster Recovery & High Availability
- Security Compliance & Risk Mitigation
- Cost Optimization
- Continuous Integration and Delivery (CI/CD)
- Incident Response & Monitoring
- Cloud-native Technologies Integration

Courses

- AWS Solution architect
- Azure administration
- Data Engineering pipelines
- Data Science
- Linear Algebra
- Statistics
- Penetration Testing
- Data Structure and algorithms
- Python

Accomplishments

- Successful Implementation of CI/CD Pipelines
- Infrastructure Automation
- Cost Optimization in Cloud Environments
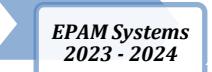- Enhanced Monitoring and Incident Response

Profile Summary

- **Senior Consultant at Ernst & Young (EY)** with **over 5 years of expertise** in **Cloud DevOps, DevSecOps, and Site Reliability Engineering**, delivering secure and scalable solutions.
- Proficient in managing **hybrid cloud infrastructures**, integrating **on-premises systems** with **AWS** and **Azure** for optimized performance.
- Skilled in **automation and orchestration** using tools like **Terraform, Ansible, Docker, and Jenkins**, driving efficiency and operational excellence.
- Expertise in **monitoring and incident management** through **Prometheus, Grafana, and Datadog**, ensuring reliability and uptime.
- Strong focus on **security compliance** with regulatory standards, leveraging tools like **OWASP** and **Black Duck** for vulnerability assessments and risk mitigation.
- Experienced in fostering **DevOps culture**, mentoring teams, and streamlining workflows for enhanced collaboration and agility.
- Continuously upgrading skills with certifications in **AWS Solutions Architecture, Azure Administration**, and training in **Data Science** and **Penetration Testing**.

Career Timeline

Infinite Computer Solutions 2019 - 2022	Algoworks 2022 - 2023	EPAM Systems 2023 - 2024	Ernst and Young (EY) Since May 2024

Work Experience

Senior Consultant | Ernst and Young (EY) | Gurugram | Since May'24
Client: **Adobe**

- Working as a **Site Reliability Engineer**, maintaining and optimizing **on-premises infrastructure** to ensure high availability and performance.
- Integrating and managing **monitoring tools** like **Prometheus** and **Grafana**, proactively monitoring system health and performance metrics.
- Developing automation scripts to streamline **server configuration** and **infrastructure management**, reducing manual intervention and improving operational efficiency.
- Deploying and maintaining **containerized applications** using **Docker**, ensuring scalability and efficient resource management in a virtualized server environment.
- Leveraging **Jenkins** as the primary **CI/CD tool** for **deployment automation**, ensuring continuous integration and delivery of software updates.
- Managing hybrid infrastructure, with most systems running on **on-premises environments**, while also utilizing **AWS EC2** for certain services, bridging public and private cloud infrastructures.
- Continuously **optimizing infrastructure performance** by identifying bottlenecks and applying best practices, leading to improved system responsiveness and reduced downtime.
- Proactively **identifying security vulnerabilities & implementing** remedial measures to safeguard infrastructure and applications, enhancing overall security posture.
- Collaborating closely with cross-functional teams, including development and operations, to ensure smooth integration and deployment of applications across multiple environments.
- Conducting in-depth **root cause analysis** for production issues, ensuring timely resolution and implementing preventive measures to minimize recurrence.

- Security Integration and Compliance
- Containerization and Orchestration Success
- Disaster Recovery and High Availability
- Automated Testing Strategies
- Continuous Learning and Skill Development

⚙ IT Skills

- **Cloud Platforms:** AWS, MS Azure
- **IaaS Tools:** Terraform, AWS CloudFormation
- **Containerization Technologies:** Kubernetes, EKS, AKS, ECS, Docker
- **CI/CD Tools:** Jenkins, AWS CodePipeline, Azure DevOps
- **Version Control/SCM Tools:** GitHub, Bitbucket, GitLab, Azure Repos, AWS Repos
- **Security Tools:** OWSAP, Black Duck, BDSA
- **Configuration Management Tools:** Ansible
- **Quality Assurance Tools:** SonarQube
- **Monitoring and Logging Tools:** Datadog, New Relic, Prometheus, Amazon CloudWatch, AWS CloudTrail
- **Project Management Tools:** JIRA, Azure Boards
- **Artifactory Management:** JFrog, AWS S3, DockerHub

📈 Key Highlights

- Implemented security practices using OWASP and SonarQube, reducing vulnerabilities & enhancing project compliance.
- Achieved cost savings in cloud infrastructure through AWS Cost Explorer, auto-scaling, and reserved instances without compromising performance.
- Accelerated deployments using Jenkins and Azure DevOps, boosting productivity and reducing integration issues.
- Automated workflows with Python and Shell scripts, cutting manual tasks & improving operational efficiency.
- Resolved critical production issues using Prometheus and Grafana, minimizing downtime.
- Maintained compliance with GDPR and PCI-DSS by embedding security checks and conducting vulnerability assessments on AWS and Azure.

- **Monitoring infrastructure cost optimization** by evaluating resource utilization and adjusting configurations to align with budgetary constraints, ensuring cost-efficiency.
- Facilitating the transition of legacy applications to **containerized environments**, improving scalability and reducing operational overhead.
- **Enhancing system reliability** by designing and implementing robust disaster recovery solutions, ensuring business continuity in case of system failures.
- Developing comprehensive documentation for system configurations, automation scripts, and deployment processes, ensuring knowledge transfer and future scalability.
- **Mentoring junior engineers** in DevOps practices, **automating workflows**, and fostering a culture of continuous improvement across the team.

💼 Previous Experience

System Engineer | EPAM Systems | Nov'23 to Apr'24
- Resolved **critical system integration issues**, ensuring **seamless transitions** and optimal **vendor solutions** for equipment procurement based on **performance standards**.
- Led **environmental sustainability initiatives** and applied **lean principles** to enhance project **efficiency** and reduce **waste** across engineering operations.
- Designed **secure infrastructure**, collaborating with **IT teams** to address **vulnerabilities**, mitigate **risks**, and enhance **network security** with **multi-factor authentication** and **intrusion detection systems**.
- Supported **cybersecurity** efforts by analyzing **log files**, identifying **potential threats**, and assisting in **investigations**, contributing to the apprehension of **malicious actors**.
- Spearheaded **security audits**, improved **client trust**, and delivered **security training** to development and operations teams, ensuring adherence to **best practices**.

DevOps & DevSecOps Engineer | Algoworks | Noida | Sep'22 – May'23
Client: **Good Beat Poker Game** | Cloud: **Azure** | Team Size: **5**
- Designed and implemented **production-level infrastructure** in **Azure**, providing **high-availability environments** with detailed **architecture diagrams**.
- Led the creation of a **DevOps culture**, driving increased **agility** and fostering **cross-functional collaboration** within teams.
- Automated **deployment processes** using **CI/CD pipelines**, improving **code deployment efficiency** and reducing **integration issues**.
- Integrated **security automation** throughout the **SDLC**, including **code scanning**, **vulnerability assessment**, and **automated security testing**.
- Set up **continuous security monitoring systems** to detect and mitigate **security threats** in **real-time**, ensuring **compliance** with industry regulations such as **GDPR** and **PCI-DSS**.
- Documented **infrastructure** and **security designs** for future use and reference, maintaining consistent standards across teams.

Cloud DevOps Engineer | Infinite Computer Solutions | Bengaluru | Sep'19 – Jul'22
Client: **Zyter** (Healthcare Domain) | Cloud: **AWS** | Team Size: **25**
- Managed **version control systems** like **Git/Bitbucket**, ensuring **seamless collaboration** and effective **project lifecycle management**.
- Designed and implemented **infrastructure using AWS**, integrating **on-premises systems** with **cloud resources** for optimized workflows.
- Automated critical data **backups** to **AWS S3**, reducing the risk of **data loss** and ensuring **business continuity**.
- Developed and maintained **CI/CD pipelines** using **Jenkins**, improving **deployment reliability** and reducing time to market.
- Leveraged **AWS Auto Scaling** and **Infrastructure as Code (IaC)** with **CloudFormation** and **Terraform**, reducing deployment time by **30%**.
- Configured **secure remote access** using **VPNs/SSH**, safeguarding **data transmission** across systems.
- Conducted **vulnerability assessments** and applied **patches** to mitigate **security risks**, ensuring system integrity.
- Established comprehensive **monitoring** and **logging solutions** with **Amazon CloudWatch** and **AWS CloudTrail**, enhancing system visibility and security.
- Automated repetitive tasks through **Python/Shell scripts**, boosting **productivity** across the team.
- Provided **24/7 on-call support** for critical systems, reducing **downtime** and ensuring **high availability**.
- Documented **project designs** and **incident response plans**, improving team collaboration and reducing issue resolution times.