

Inderjeet Singh Bedi

Site Reliability Engineer | Sr. IT Specialist

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SUMMARY

With nearly 5 years in Site Reliability Engineering, I've enhanced cloud services and optimized application performance for large-scale systems. Leveraging my expertise in building secure and reliable infrastructure, I am passionate about driving uptime and efficiency. I'm eager to embrace new technologies and continuously learning to ensure peak system performance and security.

KEY COMPETENCIES

- Develop solutions to detect SLO breaches.
- Proficient in Unix/Linux, Debian based, CentOS, RHEL
- Experience in observability, OpenTelemetry, Prometheus, Grafana and Kibana Elastic Search.
- Good knowledge of Kubernetes and Docker.
- Experience in infrastructure as code tools such as Terraform and Ansible.

PROFESSIONAL EXPERIENCE

Genpact, India Feb 2022 - Present

Senior Associate

Under GE Healthcare SaaS project.

Accomplishments:

- Providing on-call technical support, ensuring rapid incident resolution and maintaining SLAs for continuous high availability and performance.
- Monitoring Kubernetes clusters and implementing patches.
- Managing a performance testing suite automating CPU and memory benchmarking across production and development environments and also optimizing resource scaling decisions.
- Developed Network validator toolkit for automating testing and deployment, resulting in 17% reduction in installations time for production servers.
- Collaborated with QA engineers for ensuring 99.98% uptime for high traffic applications.

Tech Mahindra, India

Nov 2020 - Feb 2022

Technical Support Engineer

Under Netgear Project.

Accomplishments:

- Provided on-call technical support and managed Netgear cloud services, including ReadyCLOUD and ReadyNAS.
- Monitored cloud services and implemented security patches.
- Reported incidents and collaborated with the Red Team to develop strategies for enhancing SaaS security.
- Possess a good understanding of networking and security.

SKILLS

- **Linux**
- **Docker**
- **Kubernetes**
- **IaC Tools** - Terraform and Ansible
- **Networking** - OSI Model, TCP/IP, Routers and Switches, Subnetting, VPNs, Proxy, Load Balancer
- **Git and GitHub**
- **Prometheus and Grafana**
- **OpenStack**
- **CI/CD tools** - Jenkins and GitHub Actions
- **Cloud Services** - EC2, IAM, EKS
- **OWASP ZAP**
- **Burp Suite**

ACHIEVEMENTS

Genpact LEAN Certified - Green Belt

Designed Network validation procedure for installation team that reduce the deployment time and saves business revenue.

PROGRAMMING LANG

- **Shell Scripting**
- **Python**

PROFESSIONAL EXPERIENCE

Innobuzz Learning Solution, India
Web Penetration Tester

May 2019 - April 2020

Accomplishments:

- Worked as a Web application tester, monitoring and managing Kubernetes clusters, and securing them.
- Collaborated with the DevOps team to build and deploy applications securely.
- Monitored and managed applications using Prometheus, Grafana.
- Integrated security tools into pipelines to automate code quality testing.

EDUCATION

Bachelors of Computer Application 2016 - 2019
Guru Gobind Singh Indraprastha University with 60%

Intermediate School 2014 - 2016
CBSE with 58%

High School 2012 - 2014
CBSE with 5.8 CGPA

PROJECTS

Network validator toolkit

Developed a tool that verifies all network details in the production environment, helping to avoid network conflicts.

Enhanced Cloud Monitoring Tool

Contributed to the RIM NexGen AIOps platform by developing a tool to collect alerts, enhancing monitoring capabilities.

XZ Backdoor Detector

Developed a tool to detect XZ backdoor by analyzing CPU usage during SSH logging.

CERTIFICATIONS

Great Learning

 [Cloud Foundation](#)

Google

 [Technical Support Fundamentals](#)

LANGUAGES

- English
- Hindi
- Punjabi