Aditya Agarwal *Site Reliability Engineer*

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🧠 Skills

- Python Scripting
- Bash/Shell Scripting
- Time Management
- Docker & Kubernetes
- Virtualization
- Collaboration
- Ansible
- Linux
- Critical Thinking & Troubleshooting
- Cloud Web Services
- Problem Solving
- Git (Version Control)

📖 Certificates

- AWS Certified Solutions Architect - Associate ⊡
- Programming in Python, NPTEL ⊡
- OCI Foundations 2020 Certified Associate ⊡
- IoT and robotics workshop and training
- Time Management Fundamentals

💼 Work History

Oracle, Technical Analyst   Jun 2018 – present

Key Roles

- **Debugging RCA** on incidents- kernel crash, grub, LVM and network, proxy issues within SLA.
- Provide solutions in distributed systems technical architecture & software including File Systems, Tcp/Ip Networking protocols, Scheduling, Storage on Linux Operating System to Troubleshoot issues.
- Debug **System Performance Management & Analysis** and recommend suitable real-time Tuning Operations for highly scalable, available and fault-tolerant cluster management and container / VM deployment related Xen/Kvm Unix Virtualization Architecture on production environment.
- Propose environment best practices and provide cloud migration guidance on stable migration and disaster recovery of large-scale OVM/OLVM x86 hardware production support.
- Hands-on experience on Public Cloud services like AWS EC2, Auto-scaling, Load Balancer, S3, Route53 (DNS), ECS, CloudWatch, VPC- Route Tables, Access Control Lists.
- Collaborate with Application/Software Development Teams on product issues & bug fixes.
- Helping implement strategic initiatives & serve as escalation point response for other Engineers and technology teams in System administration and Product Management to solve problems.
- **Supervised training** to mentor new employees and work with them for task management as per customer needs.
- Delivering over **25 prototyping Automation scripts** to set alerts for monitoring of infrastructure and for development, maintenance and idempotency using Python & Ansible Configuration Management Tool.

Key Achievements

- Delivered over **95% customers experience satisfaction** for the issues resolved
- Achieved **Top 5 ART**(Average resolution time) metrics for issues handled within the year globally in a team of 90.
- **Authored and maintenance over 45 Technical documentation** for issues on existing and new systems product build (Production, Stage, Dev, Test, QA).
- Awarded Rookie of the year- 2019

🏅 Awards/Honours

Awarded as Rookie of the year   Aug 2019

Acknowledged by Manager as promising engineer with very good professional ethics

Contributed to a Published Journal, IJRASET   May 2018

"Automatic Waste Segregation using Machine Learning and Image Processing" Vol V,May 2018.

Finalists in RoboFeast, IIT Roorkee   Mar 2017

National Level Workshop Cum Championship in IoT & Robotics

Selected in Top 15% projects, IIM Bangalore   Sep 2016

Texas Instruments Innovation Challenge

📁 Projects

Automatic Waste Segregator ↗   Feb 2018 – May 2018

Developed a servo-controlled robot designed to pick any waste detected in the planned path and segregate into different bins depending on category - biodegradable or non-biodegradable

🎓 Education

Dayanandasagar College of Engineering,   Aug 2014 – Jun 2018 | Bengaluru

Bachelor of Engineering

Electronics and Computer Engineering
FIRST CLASS WITH DISTINCTION 74.56%

Don Bosco School   Apr 2002 – Mar 2014 | Siliguri

91.00% I.S.E, 89.60% I.C.S.E

🎸 Interests

- Photography
- Football
- Chess
- Fitness