Rajat Gupta

CONTACT INFORMATION	(+91)8084193625 linkedin.com/in/rajatx185 rajatx185@gmail.com

EDUCATION
Indian Institute of Technology(ISM) Dhanbad, India   *2013 - 2017*
Bachelor of Technology in Computer Science and Engineering

TECHNICAL SKILLS
Linux, CI/CD, Ansible, Shell Scripting, Openstack, AWS, Jenkins, Docker, Kubernetes, Helm, Zabbix, Prometheus, Grafana, Git, Nexus, Maven, Gerrit, Jira, Confluence, Python, Microservices

WORKING KNOWLEDGE
Apache, Haproxy, Nginx, Terraform, ELK, Databases, C, C++, Java, Networking, System Design, Data Structures, Algorithms, OOPS, Django

INDUSTRIAL EXPERIENCE
Amdocs, Pune, India   *July'17-Present*
DevOps Engineer

Infrastructure
- Deployment, migration, monitoring and troubleshooting of Core Services.
    Core Services: Openstack, KVM, Gitlab, Gerrit, Nexus, Jenkins, Prometheus, Grafana, Zabbix, Jira, Confluence, Openldap, NFS, SonarQube, DNS, Automan
- Created backup automations for Core Services.
- Executed Disaster Recovery Protocol.

Research and Development
- **Network Function Virtualization(NFV)**
    - Supported automations for monolithic application development.
    - Added features to CI/CD and product deployment pipelines for micro-services based development.
    - Provided resolution for critical bugs in CI/CD pipelines.
    - Worked with the security team for DevSecOps POC.
        Tools: CheckMarx, Appspider, OWASP Dependency-Check, Threadfix.

- **Decomposition Orchestration Platform(DOP)**
    - Certified DOP on AWS.
    - Designed and built the microservices based CI/CD and product deployment pipelines on top of Openstack.
        Tools: Jenkins Multibranch Pipeline, Ansible, Shell Scripting
    - Worked with the development team to implement Postgresql and Prometheus based monitoring for DOP hybrid solution.

- **ONAP Hosted Development Environment(HDE)**
    - Supported complex manual and automated procedures for deploying latest releases of AEE to HPE Openstack.

- **Automation Manager (Inhouse On-demand automation tool)**
    - Added new features and capabilities to Automation Manager.
    - **Application Stack:** Django, Python, Nginx, Haproxy, Postgresql, ELK etc.

Delivery and Operations
- Created hotfix testing pipelines for Comcast.
- Designed and built the microservices based CI/CD and product deployment pipelines for delivery accounts like Comcast, Globe and Vodafone.
    Tools: Jenkins Pipeline, Ansible, Shell Scripting
- Created custom kubernetes deployment for Comcast and Globe.
- Developed zabbix templates for Comcast production monitoring.

ACHIEVEMENTS
- Certificate of Excellence, Amdocs Open Network, 2019.
- Spot Award, Amdocs Open Network, 2019.
- Secured **AIR 4185** in IIT-JEE Advanced Examination 2013.
- Secured **3rd Position** in Hackfest ISM Dhanbad 2016.

INTERESTS
- **Marathons**, Teaching and Reading.