

RAVINDRA SINGH

HPC ENGINEER

CONTACT



dev.to/nerdflash28/



ravindrara.singh@gmail.com



github.com/nerdflash28



Delhi

SKILLS

Linux

Git | Docker

AWS | GitHub

Ansible | Terraform

EDUCATION

**High Performance Computing System
Administration Certification**

**Center for Development of
Advance Computing | Pune**

March 2023 - Aug 2023

**B-Tech in Electronics & Communication
Sarvottam Ins. of Tech. & Mgmt**

March 2015 - July 2019

LANGUAGES

- Bash
- Python
- C
- YAML
- GIT
- Markdown

PROFILE

Results-driven HPC and DevOps Engineer with a strong background in high-performance computing, automation, and cloud-native technologies. Passionate about optimizing computational workflows, managing large-scale HPC clusters, and implementing CI/CD pipelines for seamless deployment. Experienced in job schedulers, containerization, infrastructure as code, and performance tuning. Seeking to leverage expertise in HPC and DevOps to drive efficiency, scalability, and reliability in computational environments.

WORK EXPERIENCE

HPC Cloud Engineer

HCLTech [Client - Merck]

Oct 2023-Present

- Monitoring of Server on Cloud and On-Prem Cluster
- Installation, configuration & operations of HPC scheduler on Cloud
 - Grid Engine
 - PBSPro
 - Altair NavOps
 - SLURM
- Managing Ansible Playbooks GitHub Repositories
- Automating operational Tasks using Bash
- Troubleshooting User-Reported Technical Issues
 - issues with Jobs
 - Issues in user node performance
 - connectivity issues with HPC environment

Embedded Engineer

Root2IOT

Oct 2019-Nov 2019

- Designing and Debugging Hardware Issues
- creating and designing embedding programs for Products

CERTIFICATION

- AWS Solution Architect Associate (SAA-C03)
- Altair Suite

