

# RAVINDRA SINGH

## HPC ENGINEER

### CONTACT



dev.to/nerdfash28/



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github.com/nerdfash28



Delhi

### SKILLS

Linux

Git | Docker | Python

AWS

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

### 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

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
- 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

