

# RAMA PRAJAPATI

ramaprajapati3136@gmail.com | 8580462389 | Sector 50, Chandigarh|  
[linkedin.com/in/rama-prajapati3136](https://www.linkedin.com/in/rama-prajapati3136)

## SUMMARY

Strong foundation in Computer Science and High-Performance Computing, skilled in Linux, programming (C, C++, Python) and cloud technologies (AWS). Experienced in HPC cluster management (Slurm, Grafana) and debugging tools (GDB, Vtune). Proficient in Parallel Programming, and effective team collaboration. Committed to learning emerging technologies and delivering innovative solutions.

## PEOJECTS

- **Hybrid GPU-Accelerated File Transfer System** 2025  
HPC | Parallel Computing 

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  - MPI for parallel communication, CUDA for GPU-based data processing, and CMake for efficient build and configuration management
- **AWS Static Website Hosting** 2025  
Cloud Computing & AWS Services 

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  - Experience of working with AWS platform under which I worked over Amazon S3, Amazon EC2, Amazon lambda function, Amazon elastic bean services. Using Amazon S3 service I have successfully hosted a static website on cloud.
- **Real-estate price prediction(MI)** 2025  
Machine Learning 

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  - Created a machine learning model in Python to predict real estate prices. I cleaned and prepared the data, selected and created important features, and tested the model to see how well it performs

## REFERENCES

### Shivraj Waghmare

Project Associate @CDAC Mohali

**Phone:** 8668515262

**Social:** shivrajwaghmare1302@gmail.com

## SKILLS

- C/C++/Python programming
- Linux(Shell Scipting)
- AI & ML
- HPC & Cluster Environment
- MPI (Message Passing Interface)
- CUDA Programming
- Slurm Job Scheduling
- Debugging using GDB
- Profiling using Intel VTune
- Memory Managemen

## FRONT END SKILLS

- HTML,CSS
- Bootstrap
- Flask

## EDUCATION

ACC-HPC C-DAC	2025
B.Tech CSE HPTU	2025
DIPLOMA in CSE	2022

## CERTIFICATIONS

6Month:-HPC Trainee	2025
MIS KS ASSOCIATES	2025
Python Programming Infosys	2022

## LANGUAGE

English

Hindi