

# Peeyush Pratap Singh

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## Professional Experience

<b>Engineer R&amp;D, Samsung R&amp;D Institute India- Bangalore (SRI-B)</b>	07/2022 – present
Voice Intelligence - NewMDC [ June,23 - Jan, 24 ]	Bangalore, India
Participated in the development of multiple microservices and APIs, conducting comprehensive testing procedures. Additionally, engaged in database benchmarking activities aimed at ensuring optimal performance to support a large user base.	
Network -OAM CBRS [ Aug,22 - June,23 ]	
Contributed to various facets of CBRS - Citizen Broadband Radio Service (Spectrum Management System), enhancing alarm monitoring and introducing an automated grant procedure feature. Additionally, engaged in scenario-based testing and contributed to both high-level and detailed design documentation.	

## Skills

### Languages

C++, C, Go, Python, JavaScript

### Tools

Docker, Microsoft Visual Code, Pycharm, Jupyter Notebook

## Projects

<b>URL Shortener, [Go, Postgres, Docker]</b> ✎	01/2024 – 02/2024
Designed and implemented a custom URL shortening service, akin to TinyURL. The service generates shortened URLs for long web addresses, enhancing accessibility and shareability.	
<b>Hand Sign Language to Text (ASL), [Python]</b> ✎	08/2021 – 04/2022
Developed a real time vision based app, which recognize the American sign language hand signs and spell corresponding alphabet using convolutional neural network model and image processing. (Accuracy :79.41%)	
<b>Text summarization, [Python]</b> ✎	03/2021 – 04/2021
Developed a text summarizer application to condense lengthy documents into concise summaries, improving content comprehension and efficiency using the TF-IDF algorithm.	

## Scholastic Achievement

**Cleared SWC Pro**

**Received Samsung Spot Award for "Critical CBRS field issue and support"**

**Gate Qualified (2022)**

## Education

<b>B.Tech (Computer Science), Graphic Era University</b>	06/2018 – 06/2022
9.3/10.0 GPA	Dehradun, India
<b>12th C.I.S.C., Marshall School</b>	2018
88.60%	Dehradun, India
<b>10th C.I.S.C.E, Marshall School</b>	2016
91.34%	Dehradun, India