2015 - 2017

se), JavaScript (Familiarity), Node.js (Familiarity), React.js (Familiarity), Flask (Familiarity), HTML (Familiarity), CSS

se), SQL (Exper

se), Python (Exper

se), C++ (Exper

**Technical Skills**: C (Exper

**ADDITIONAL INFORMATION**

**12th: Percentage 87%** **10th: CGPA 9.2/10**

**Gyankalash Interna onal School** Saharanpur

05/2018 - 2023

**Integrated BTech + Mtech , Informa on Technology** IIIT Gwalior, Gwalior

**EDUCATION**

Tech stack: C++, Neon Programming.

(Familiarity), MongoDB (Familiarity), Keras, TensorFlow, PyTorch, Sklearn, AWS, MLFlow, W&B, Numpy, Pandas, Matplotlib, Streamlit, Git/Github, Heroku, Latex, Linux, openCV

**Cer**

**ﬁca ons**: Machine Leanring by Coursera (AndrewNG), Deep Learning Specializa on by Coursera, NLP Specializa on by DeepLearning.ai, Python Bootcamp :From Zero To Hero

**Awards**: Kaggle 3X Expert, Semi-Finalist in Flipkart Grid 4.0, Secured Global Rank 196/5K par

cipants in codechef September MEGA COOKOFF, Secured Global Rank 357/20k+ par

cipants in codechef

september challenge 2020, Golden Badge: CPP, SQL and Silver Badge: Python on HackerRank, Qualiﬁed for Facebook HackerCup’20 Round 2, Secured Global Rank 679/13K+ par

cipants in codechef

December challenge 2019

**Languages**: French (advanced), Spanish (basic), German (conversa onal)

**Interests**: running (completed 4 marathons across 3 con nents), cooking (won Ft. Benning’s annual Chili Cook-Oﬀ)

Designed and built a Mul



Gwalior, India | +91 9761423844 | harsh.p.walia@gmail.com | LinkedIn | GitHub

**SUMMARY**

Data scien st with a 2-year track record of driving results. Improved metrics by 2 percent and reduced the loss of informa on in exis

ng methods at Google India. Op mized the Tiling Algorithm at Samsung,

reducing memory requirement and

me complexity. Developed comprehensive content for the Scaler Data Science Computer Vision Module at Interview Bit. Implemented an ensemble of ML models to

predict the risk of mortality in early stages of COVID-19 pa ents. Created a deep learning model to generate textual descrip ons of images for visually impaired individuals.

**EXPERIENCE**

**SDE intern** (Google India), Bangalore

Jan 2023 - July 2023

**Harsh Walia**

ple document summariza on Engine from diﬀerent Viewpoints by Fine-tuning diﬀerent LLMs under Google Search Team.

Improved metrics by 2 percent and reduced the loss of informa on in exis

ng Methods.

Created a Demo [Frontend + Backend] for Mul

-Doc Summariza on Engine that takes user's Google Search query and generates a summary for Top 5 Url's.

Tech stack: C++, Python and Worked with ML, DL and LLM's.

**SDE intern** (SAMSUNG (SRI-B)), Remote

May 2022 - July 2022

Op mized The Tiling Algorithm (Convert RAW10 packed image into UNPACKED data).

Reduced the Memory Requirement of the algorithm from 216MB to 6MB and Time Complexity by 20%.