

ABHAY PRATAP SINGH

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EDUCATION

Graphic Era Deemed to be University
B.Tech (Computer Science) - CGPA - 8.76

June 2019 – July 2023

Dehradun, India

SKD Academy
ISC - XII - Percentage - 88%
ICSE - X - Percentage - 88.40%

June 2014 – July 2018

Lucknow, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Artificial Intelligence
- Web Development
- Operating Systems
- Computer Networks
- OOPS Concept

EXPERIENCE

Google Cloud Sprint Bootcamp 2022 [↗](#)

June 2022 – July 2022

Mentee

Remote

- **Winners - GCSB 2022.**
- **Worked on Google Cloud Platform(GCP), Qwiklabs to deploy VMs and Work on them.**
- **Analysis and design of a Scalable, Reliable Twitter architecture Serving 330 million Userbase.**
- **Worked on Case Studies, customer stories to learn more about client-side workflow.**
- **Developed a working knowledge of GNU/Linux, Cloud Infrastructure, PaaS, SaaS and IaaS.**

Samsung Prism 2021 [↗](#)

Aug 2021 – Jan 2022

Research Intern

Remote

- **Created an Android Studio Plugin on IntelliJ IDEA using java.**
- **Led a team of 4 Members and worked on a plugin which impacted camera opening time in Samsung smartphones.**

PROJECTS

Hand Gesture Recognition [↗](#) | OpenCV, Mediapipe, Tensorflow

July 2022

- **Used MediaPipe to recognize 21 hand key points.**
- **Used Tensorflow to implement Deep learning.**
- [Demonstration](#)

Youtube Transcript Summarizer [↗](#) | NLP, Hugging Face Transformer, YT Transcript API

Dec 2021

- **Used NLP to extract text from a youtube video.**
- **Generated a summarized text file as output (Transcript).**
- [Demonstration](#)

TECHNICAL SKILLS

Languages: Java, C, C++, Python, HTML, CSS, JavaScript, PHP, SQL

Developer Tools: VS Code, Android Studio, IntelliJ IDEA, Anaconda, Pycharm Professional edition

Technologies/Frameworks: Linux, GitHub, Google Cloud Platform, ReactJS, NodeJS, Git, Flutter

CERTIFICATIONS

- **Essential android O Developer Course - Udemy**
- **Architecting with Google Compute Engine - Coursera**
- **Python for Data Science**
- **Google Cloud Qwiklabs**
- **UX Design foundations**
- **Juspay hiring Challenge**
- **Jumpstart 2021- Publicis Sapient**