

Ankit Kumar

Software Engineer

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EDUCATION

B.Tech in Computer Science & Engineering

2016 – 2020

National Institute of Technology, Hamirpur

CGPA: 8.15/10

Intermediate

2014 – 2015

Saint Rose Public SSS, Jaipur, Rajasthan

Percentage: 94.60%

High School

2012 – 2013

Saint Rose Public SSS, Jaipur, Rajasthan

Percentage: 92.67%

SKILLS

Programming Languages:

Python, JavaScript, C/C++

Tools and Technologies

AWS, Kubernetes, Git, Linux, Jenkins, SQL, NodeJS, ReactJS, HTML, CSS, Django, PyQt5, OpenGL, Blockchain

PROFESSIONAL EXPERIENCE

Software Engineer (SDE-I)

Jan 2021 – Present

Samsung Research Institute Delhi (SRID), Delhi, India

- Part of Samsung TV Cloud Service Team
- Work on **AWS** and **Kubernetes** to manage and monitor the infrastructure for the system, which runs daily hundreds of jobs to ingest TBs of data from various CPs and serves millions of requests per day to the end users and other teams for their respective objectives through Smart TV APIs.
- Use **Jenkins**, **AWS Cloudwatch**, **Grafana**, **Sensu**, **Kibana**, **KubectI** and other tools for regular monitoring, alarms handling and deploying new releases.

Software Developer Intern

May 2019 – Jul 2019

IIT Roorkee, Uttarakhand, India

- Developed an application software using python based QT framework **PyQt5** with **OpenGL** API for visualizing and manipulating 3D structures.
- Implemented object selection using **GLSL** (OpenGL Shading Language) and **GLM** (OpenGL Mathematics).



PROJECTS

Voting System using Blockchain [↗](#)

Jul 2019 – May 2020

Python, Django, HTML, CSS, Jinja2, Blockchain

- Developed a web application platform where user can cast his/her vote online.
- Backend is developed using Python web framework **Django** and **Blockchain** technology is used to store the records of the transactions.

Deductions | Personal Blog [↗](#)

Oct 2020 – Present

Python, Django, Jinja2

- This is my personal blog website.
- Developed frontend using HTML, CSS and JavaScript and backend using **Django**

Celebrity Identification in an Image [↗](#)

Mar 2019 – Apr 2019

Python, Kivy, SightEngine API

- Developed GUI using **Kivy** framework in python to get input an image by browsing or from url of an online image.
- Celebrity Identification done using an API provided by **SightEngine**.



ACHIEVEMENTS

SWC Professional

Cleared SWC Professional Test, conducted by and within Samsung Electronics

ICPC ASIA Regional Online Preliminary Round

Secured 4th position in 2018-19 ICPC ASIA Regional Online Preliminary round at NITH hosted by University of Proto.

SnackDown 19

Ranked in top 3% among 27875 qualified teams for SnackDown 19 organised by and at CodeChef

Codathan, MANIT

Secured position in top 15% among 5028 in Codathon, the Inter NIT coding contest organized by ISTE MANIT hosted at HackerEarth.