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**, **Kubectl** and other tools for regular monitoring, alarms handling and deploying new releases.

Web Developer Intern   Sep 2020 – Dec 2020

Draftss, Remote

- Developed browser extensions to scrap users data of individual profiles and group members from Facebook and Linkedin and for Gmail Auto Followup **[JavaScript].**
- Also developed backend for Gmail Auto Followup using **Django.**

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 Proficiency

Cleared SWC Professional Test (April 2021), conducted by and within Samsung Electronics

SnackDown 19

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