

Saurabh Kumar

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Results-driven IT professional with a B.Tech in Information Technology (2023) and hands-on experience as a Junior Manager specializing in Network Administration. Proficient in **Data Structures and Algorithms (DSA)**, **C++**, **Python**, **CSS**, **JavaScript**, **Bootstrap**, **React**, **ML** and **SQL**. Familiar with a variety of frameworks, developer tools, and machine learning libraries, with a strong foundation in software development principles. Actively **seeking to transition into a Software Developer role** to leverage and expand my technical expertise in a dynamic development setting.

Technical Skills

Languages: C/C++, Python, CSS, SQL, HTML, Javascript Data

Manipulation and Visualization: Pandas, Numpy, Matplotlib, Seaborn, Plotly Machine Learning

Libraries: Scikit-learn, TensorFlow, Keras, PyTorch

Databases: MongoDB, MySQL, PostgreSQL

Developer Tools: VS Code, Jupyter notebook, Google colab

Technologies/Frameworks: Bootstrap, Linux, Power BI, Git and GitHub

Projects

NextLev Auto Login Manager Extension

[github](#) [Live](#)

- Extension auto-fills login forms and programmatically submits them without user interaction. Operates via content script injection, enabling automated authentication across supported web pages. Extension available on Chrome Store.
- Tools Used: HTML, CSS, JavaScript

NextLev Windows Screen Recorder

[github](#)

- A screen recorder with screenshot capture, supporting real-time stop and resume functionality. Easily packaged as a .exe for seamless use on Windows systems.
- Tools Used: Python, Tkinter

Extension to Prevent Cheating in Online Exam

[github](#)

- Full-screen mode, tab-switch prevention, user-specific access, pre-exam checks for camera, internet, and microphone, with real-time alerts on tab-switch attempts.
- Tools Used: HTML, CSS, JavaScript

Machine Learning Projects

[github](#)

- **Movie Recommendation System:** Developed robust recommendation Machine learning model which recommend movie based on your interest.
- **Drowsiness and Eyeblink Detection System:** Utilizes computer vision and machine learning to monitor driver alertness in real time.
- **Customer Management System:** Streamlines client interactions using databases and analytics to enhance service and support.
- **Face Mask Detection:** Use CNNs. Tensorflow, PyTorch for real-time mask detection. Includes data collection and integration.
- **Credit Card Fraud Detection:** College project led by me, model detect possible frauds depend on transaction features.

Experience

Aarti Industries Ltd, Network Administrator and Cybersecurity

Vadodara Gujrat
Aug-2024 - Present

- Manage a team and oversee enterprise-level network and security infrastructure, including Cisco Meraki Cloud for over 200+ **switches** and access points, **Fortinet Cloud** for firewall operations, and **Sophos Antivirus** for endpoint protection. Ensure stable and secure network performance across 9+ company locations through strategic planning, proactive maintenance, and efficient issue resolution.
- Implement **DLP solutions** for compliance, support **ISO 27001 audit preparation**, and assist with documentation and policy enforcement. Experienced with **SOC** and **SOAR platforms** to improve incident response and threat detection.

Education

Harcourt Butler Technical University, Kanpur, UP

2019-2023
7.11 CGPA

Bachelor of Technology (B.Tech)

Information Technology

Kendriya Vidyalaya No 1 - Kanpur, UP

- Senior Secondary Examination
2018 - 74 Percentage
- High School Examination
2016 - 8.4 CGPA

Achievements

- 370+ DSA questions solved on different online coding platform
- Owner of 2 website with over 9 lakh views and content on these website are purely technical base
- Participated in college basketball event and achieved first winning place

Soft Skills

- Time Management, Decision Making, Creativity, Teamwork, Critical thinking, Responsibility, Team Leader