



KANHAIYA KUMAR

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| [Linkedin](#) | [GeeksForGeeks](#) | [LeetCode](#) | [GitHub](#) |

EDUCATION

KLE TECHNOLOGICAL UNIVERSITY

B.E. Computer Science and Engineering

CGPA: 8.89

Hubballi

2021 - Present

Vikas Vidyalaya Begusarai, BIHAR (Higher Secodary School, CBSE)

Percentage: 82%

Sainik School Nagrota, JK (Secondary School, CBSE)

CGPA: 10

Skills

Technical Skills: C, C++, Java, React, Python, HTML, CSS, Javascript, Mongoddb, Expressjs, Computer Network, OS, DSA, OOPS, DBMS, Data Analysis, Machine Learning, Deep Learning, Embedded intelligent system, SQL

Interpersonal Skills: Problem-solving, Leadership, Communication, Teamwork, Adaptability

Industry Based Project

Customized Java-based Asset Tracking App for DANA-ANAND India Private Limited (DAIPL), Dharwad, Karnataka

- Provides robust functionality to add, update, and delete asset records effortlessly, ensuring accurate and up-to-date asset information.
- Allows users to quickly locate assets using various search filters, streamlining the process of finding specific items within a large inventory.
- Ensures secure access through a login system that protects sensitive asset information and maintains data integrity.
- Facilitates the generation of detailed reports on asset usage and status, aiding in effective decision-making and asset oversight.

Projects

Police Performance Analysis and Data and Resource Management

- Developed and implemented a React-based dashboard utilizing hierarchical access levels, allowing individual police officers and superior officers to analyze performance metrics effectively.
- Designed and implemented a comprehensive performance evaluation system, enabling officers to assess their own performance through graphical representations and statistical analysis.
- The project code is available on GitHub at KSP Profile Analysis Dashboard.

Vision Transformer-Based Multi-Phase Accident Detection and False Positive Mitigation

- Developed a four-phase framework integrating vehicle detection, continuous tracking, and Vision Transformer (ViT) models to achieve precise accident detection while minimizing false positives.
- Evaluated the framework on Real-World Surveillance videos, demonstrating its effectiveness in outperforming existing methods and accurately identifying accidents under diverse conditions.
- Our paper is also available on the website at ResearchSquare.

Anonymous Reporter in Collaboration with Hubballi Dharwad Police [↗](#)

- Developed an anonymous reporting system in collaboration with Hubballi Dharwad Police.
- Sends exact location and other details for precise incident reporting within 3 seconds.
- Automatically sends exact location coordinates after a 45-second wait if the user hesitates to enter their number and submit.
- Allows users to choose to be anonymous reporters or victims themselves.

POSITION OF RESPONSIBILITY

Geeks for Geeks Chapter Member

- Organized **coding contests** to promote coding skills and problem-solving abilities among students.
- Conducted workshops and tutorials on **OS, CN, DBMS**.
- Mentored students and provided guidance on technical concepts.

CERTIFICATIONS

- JNCAA - Cloud, Associate (**JNCIA-Cloud**) [View Certificate]
- Getting Started with Networking (**eLearning**) [View Certificate]
- Juniper Networks Certified Associate Junos (**JNCIA-Junos**) [View Certificate]

HONORS & AWARDS

- Cleared KSP Datathon 2024 (round 2) and currently advancing to the final round.
- Winner of Bqarlson Software Technologies Pvt Ltd Hackathon, securing an internship as a React Developer. [View Certificate]
- Achieved 2nd rank in college SIH 2023 Hackathon among 52 teams.
- Selected by the esteemed HOD for an exclusive project with the Hubballi Dharwad Police Station.