

# K Sree Charan

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[LeetCode](#) | [CodeChef](#) | [codolio](#) | [Portfolio](#)

## SKILLS SUMMARY

- **Languages:** Python, R, C++, JavaScript, SQL, JAVA
- **Frameworks:** Data Visualization, Data Analysis, TensorFlow, Keras, Django, Flask
- **Tools:** Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite, Tableau, Power-Bi
- **Platforms:** Arduino, AWS, GCP, Alibaba Cloud, IBM Cloud
- **Soft Skills:** Leadership, Event Management, Public Speaking

## INTERNSHIP

- **Teachnook** May 2023  
*Student Intern (Part-time)*
  - **Developed a Machine Learning Model:** To predict which customers are likely to accept personal loan offers. Will help banks to optimize their future campaigns by 90 and improve conversion rates.
  - Implemented a Bagging Classifier, achieving **Accuracy: 98%**, **Precision: 97%**, and **Recall: 84%**.
- **Data Camp** December 2023  
*Instructor (Part-time, Contractual)*
  - **Project Course - Find Movie Similarity from Plot Summaries:** Created project based course using Unsupervised learning and natural language processing.
  - **Tutorial - Introduction to Reinforcement Learning:** Created tutorial for Q-learning RL algorithm and concepts.
  - **Impact:** Course has been taken by 250+ students so far with 4.65 average rating.

## PROJECTS

- **Traffic Control System (Reinforcement Learning, Computer Vision):** AI model to resolve city traffic around 50% faster. Tech: Python, Alibaba Cloud, Raspberry Pi, Arduino, SUMO & OpenCV.
- **Panorama from Satellite Imagery using Distributed Computing** (Image Processing, CNN): Images clicked using drones, provided by ISRO were stitched together using public compute nodes, effectively bringing down processing time exponentially. Tech: PHP, C++, Java, Python
- **Drag-n-drop machine learning environment (Web Development, Machine Learning):** Scratch like tool for implementing machine learning pipelines along with built in tutorial for each concept. Tech: Python, JavaScript
- **Health Buddy** : AI-powered MERN stack web app with Streamlit, Selenium, BeautifulSoup, and implemented a 14-Layer Deep CNN for disease prediction showcasing Accuracy: 99, Precision: 95, Recall: 90
- Developed **Study Buddy**, a platform with 10+ features including AI-driven coding challenges, mock interviews, and resume-building tools, impacting 500+ users. Tech :

## EXPERIENCE

- **Community Lead at Developer Student Clubs NSEC - Jan 2024** jalandhar, India  
*Conducted online and offline technical & soft-skills training impacting over 300 students.*
- **Event Organizer at Google Developers Group Jalandhar- March 2023** jalandhar, India  
*Organized events, conducted workshops and delivered workshops reaching over 700 developers.*

## Achivements

- **Hackathon Champion:** Converted Innovative Ideas into Reality in 6+ Hackthons (2 State-Level, 4 College-Level)
- Earned 1st prize in the **Code-a-Haunt** Hackathon
- Cleared 3 rounds of competition and stood among top 4 finalists and got **best ideation** award along with the cash prize.
- Earned 1st prize in the **Code Carva 2.0** connduted by **Love Babber**.
- Runner's Up at **Geeksforgeeks Developers Circle Hackathon** - August, 2024

## EDUCATION

- **Lovely Professional University - July 2022** Punjab, India  
*Bachelor of Technology - Computer Science ; GPA: 7.5*  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **Kendriya Vidyalaya- July 2022** Delhi, India  
*Intermediate; Percentage: 81%*